SET Environmental, Inc

450 Sumac Road, Wheeling, IL 60090 · Tel (847) 537-9221 · Fax: (847) 537-9265 · www.setenv.com

PHASE II
SUBSURFACE SOIL INVESTIGATION REPORT
COMED
SCORPION TAIL-FISK STATION
CERMAK and RACINE
CHICAGO, ILLINOIS

SET Job #510047

Prepared For:
ComEd
Three Lincoln Center, 3rd Floor
Oakbrook Terrace, IL 60181

Prepared By:

SET Environmental, Inc
450 Sumac Road
Wheeling, Illinois 60090

November 10, 2005
Revised February 17, 2005

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A. Site Location Map

B. Boring Logs

C. Analytical Results

D. Health & Safety

1.0 INTRODUCTION

SET Environmental Inc. was contacted by ComEd to provide a subsurface soil investigation including quantitative chemical analysis of IEPA regulated contaminants of concern under IL Title 35 section 742 Tiered Approach to Corrective Action Objectives (TACO). All work was performed for ComEd. Kenny Construction on behalf of ComEd will be excavating the area to pour concrete forms in the construction of electrical transmission towers.

SET performed site operations in cooperation with Kenny Construction, and Subsurface Drilling on performed borings on behalf of STS Consultants.

2.0 SITE DESCRIPTION

Site activities were conducted in two distinct areas 1) upon the northeast portion of private property west of Fisk Substation, and 2) upon the southwest portion of private property owned and operated by Midwest Generation. Both properties are zoned industrial/commercial. The first area is currently operated by GRM Information Management Systems, and is leased as a distribution warehouse. This area is unrestricted access and the proposed construction site consists of a paved parking lot. The second proposed construction area is restricted access, contained by a chain link fence and in a vacant area near the canal. A map of the location is included as attachment A.

A third area located near the eastbound easement of Cermak was originally intended for boring collection. This investigation was not originally performed due to underground utility concerns. SET and STS mobilized to perform this final boring on January 18, 2006.

3.0 PURPOSE

The purpose of the subsurface investigation was to (1) determine if soil contamination exists on the site (2) determine the depth(s) of suspect contamination (3) evaluate soil samples and analytical results compared to IEPA TACO contaminants of concern and (4) compare analytical results to disposal parameter(s) requirements for future off-site disposal activities.

4.0 SITE ACTIVITIES

SET was verbally informed that all necessary permits to complete the work were submitted by Kenny Construction and STS. DLZ performed underground utility surveys on October 17, 2005.

On October 18, 2005, SET Project Manager, Michael Ortiz, began mobilizing to site at 06:30 hours. Mr. Vince Howard of Kenny Construction contacted Mr. Ortiz at 07:15 hours and informed him that no site activities shall be performed today due to site utility locate issues.

SET mobilized to site on October 19, 2005 and met with Vince Howard of Kenny Construction. Mr. Dan Malouf and Mr. Ben McCarthy were on site for Subsurface Drilling, Inc. Kenny Construction personnel, STS and Subsurface Drilling, Inc held discussions regarding health and safety issues throughout the day. A safe work plan was developed and agreed upon by both parties at 14:00 hours. No site work was performed.

Mr Ortiz returned to site and met with Subsurface Drilling, Inc at 07:30 hours on October 20, 2005.. SET and Subsurface Drilling Inc signed in at the Kenny Construction site trailer. Kenny Construction had decided no to perform the boring closest to Cermak and Racine. The underground gas mains encountered during the survey prohibit mechanical drilling for safety concerns. Both crews mobilized to boring location #2044, located on the asphalted drive of GRM property. Subsurface Drilling mobilized a rear mounted boring/probe rig affixed with 4 foot stainless steel sample spoons. Drilling activities commenced at 09:30 hours.

Three soil samples were collected at the surface to 6', 34'-37', and 45'-48' respectively. The third sample was collected at 12:30 hours. SET and Subsurface Drilling shared samples. SET collected samples for laboratory analysis, while Subsurface Drilling collected samples for compression testing. SET developed a site boring log based upon soil characteristics including color, type and odor specific to various depths. Subsurface Drilling began filling the core with spoils. Mr. Ortiz completed a Chain of Custody (COC), placed the samples on ice and left site at 13:00 hours. Samples were directly delivered to STAT Analysis at 13:15 hours.

SET and Subsurface Drilling returned to the site on October 21, 2005 and performed another boring at location #2043, located in the far southwest corner of Fisk Station. SET collected three samples for analysis at the surface-8' depth, 30-32' depth, and 45'-46.5' depth. A sample Chain of Custody was completed and samples were submitted to STAT Analysis at 13:00 hours.

Mr. Pat Moon of SET Environmental mobilized to site and met with Kenny Construction at 08:00 hours, January 18, 2006. STS arrived on site at 10:15 hours. STS mobilized equipment to perform the last boring on the easement of eastbound Racine, near Cermak and Racine. SET noted that the top portion of soils had been removed to a depth of 8'. Kenny performed excavation of this area due to the utility locate issues. STS experienced mechanical difficulties from 10:30 to 12:45. A surface sample was grabbed from the sidewalls at 1' depth. Two additional samples were collected at 30' and 45'. Mr. Moon filled out a chain of custody at 15:15 hours and dropped off the samples at 15:30 hours.

5.0 SAMPLE COLLECTION

A total of two boring locations were completed by Subsurface Drilling, Inc. The SET Project Manager pre-selected three discrete sample points (depths) within each boring, based upon historical site information provided by Kenny Construction and ComEd.

Subsurface Drilling Inc provided a drilling/probing unit fitted with stainless steel sample spoons. Sample 001 was collected directly beneath the asphalt parking lot to 10' deep. This sample is representative of possible surface contamination. The second sample, 002, was collected at 34' to 37' representing the assumed depth of the contamination. Sample 002 was originally intended for collection at 30', however, the sample was accidentally cross contaminated by Subsurface Drilling. A third sample, 003, was collected near the bottom portion of the intended excavation.

Samples 010, 011, and 012 were collected using the same technique on October 21, 2005. Sample 010 was collected at the surface to 8' depth. Sample 011 was collected at 30-32' depth and sample 012 was collected at 45'-46.5'. Subsurface Drilling provided a larger sampling spoon for collection of samples 011 and 012.

SET mobilized and collected three samples on January 189, 2006, Fisk (011806) 1', Fisk (011806) 30', and Fisk (011806) 45'. A larger, 4'", boring spoon was used on this boring, allowing SET to collect more distinct sample depths.

Each sample was collected by opening the stainless steel probing spoons and removing large enough portions to fill a laboratory certified 16 ounce jar. Sample portions (spoon depths) were collected at alternating 2" depths and placed into each jar, thereby maintaining consistency of the representative sample. The SET PM donned a new pair of clean nitrile gloves between each sample collection. SET decontaminated sampling spoons by scrubbing with an Alconox solution, followed with multiple water rinses.

Sample jars were sealed and labeled with sample I.D., date, time, sampler's initials, location and client. A chain of custody was completed and samples were placed on ice. Samples were immediately taken to STAT analysis Corporation, 2255 West Harrison Street, Suite B, Chicago, Illinois. STAT Analysis is an IEPA, ORELAP AIHA and NVLAP accredited laboratory.

Samples 001, 002, 010, 011 and Fisk (011806) 1' were analyzed for Polychlorinated Biphenyl's (PCB's), Toxicity Leaching Characteristic Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals, total metals, TCLP and total mercury, TCLP volatile organic compounds and semivolatile organic compounds, Benzene-Toluene-Ethylbenzene-Xylene (BTEX) and Polynuclear

Aromatic Hydrocarbons (PNA's). Sample 003 and 012 were archived pending analysis of the other samples. Sample Fisk(011806)30' and sample Fisk(011806)45' were analyzed for Lead, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(123-cd)pyrene based upon sample Fisk(011806) results that exceeded these parameters. Sample Fisk(011806)30' was also analyzed for total benzene to ensure that the benzene found in this area did not migrate further.

6.0 SAMPLE RESULTS AND DISCUSSION

Analytical results are presented in attachment C. Samples 003 and 012 were not analyzed based upon results from the other samples. Sample results were compared to the three recognized exposure routes established by TACO Tier 1 tables including ingestion, inhalation and migration to groundwater. SET utilized the most stringent value within the Tier 1 tables to formalize residential cleanup objectives and conclusions. Soils that exceed any of the Tier 1 residential contaminants of concern levels shall be considered contaminated and placed into an approved landfill.

Sample 001 exceeded the IEPA limits for cadmium, lead, benzo(a)pyrene, carbozole, as dibenzo(a,h) anthracene, indeno(1,2,3-cd) pyrene, naphthalene, and toluene. Sample 001 also exceeded the Resource Conservation and Recovery Act limits for TCLP benzene designating it as a hazardous waste. Sample 002 exceeded the IEPA limits for lead and benzene, but did not indicate elevated levels of TCLP benzene.

Sample 010 exceeded IEPA limits for cadmium, lead, benzo(a)anthracene, benzo(a)pyrene, benzo(b) fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. Sample 011 exceeded IEPA limits for lead, benzo(a)anthracene, benzo(a)pyrene and dibenzo(a,h)anthracene. No samples in this subset exhibited levels above EPA RCRA or TSCA limits.

Sample Fisk-(011806)1' exceeded IEPA limits for TCLP lead, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, indeno(1,2,3-cd)pyrene. Samples Fisk-(011806)30' and Fisk-(011806)45' were submitted for analysis of these parameters. Neither sample exhibited levels above the IEPA TACO tire 1 Residential levels.

During the field investigation soil borings at location 2044 (samples 001,002, and 003) were noted to be highly odorous from approximately 4' to 10' deep. These soils were also discolored or stained and consisted of backfill/gravel and inconsistent native soils. At approximately 10.5' to 55', the maximum depth drilled, the soil consisted of brown and gray silty clay. The clay was uniform and medium stiff in consistency. No water table was encountered during the drilling activities.

At location 2043 (samples 010, 011, and 012) the entire boring consisted of non-native or backfilled materials from the surface to the maximum depth drilled.

At the location nearest to Cermak (Fisk (011806)1', 15', and 30') soils were closely similar to location 2044. The native clay table was encountered at 19' depth

SET utilized a photoionization detector (PID) fitted with an 11.7eV lamp for field analysis of random sample points. The PID can detect volatile organic compounds as they break down. The PID cannot distinguish between types of VOC's, but is used merely to detect the presence of them. A portion of a boring sample is collected and placed inside a plastic bag then heated off to allow the VOC's to volatize. The sample probe at the tip of the PID is then inserted into the bag and a real-time result is displayed representing parts of contaminants per million parts of air or ppm.

At location 2044 PID readings were observed from the surface to depth of 17 feet. The largest PID reading was 14.6 ppm at a depth of 10 feet. No further readings were recorded after the 17 foot depth. Boring location 2043 indicated PID hits to a depth of 20 feet. The largest PID reading was recorded at the surface (26.4-26.6 ppm). The Cermak boring had readings from the surface to 19' depth (clay table). The largest reading at this location was 89.8 ppm at 10' depth.

During the site investigation Subsurface Drilling utilized hydro-boring techniques to drill through the ground. Water is injected into the ground to float the coring bit. Although this technique is the most efficient for drilling deep bores, it is not the recommended hygienic practice. The water injection may cause cross contamination of impacted zones to clean ones, specifically as the boring gets rather deep and the surface is impacted.

7.0 CONCLUSIONS

- SET Environmental was retained by ComEd to perform a phase II subsurface soil investigation directly south of the intersection of Racine and Cermak, Chicago, Illinois.
- SET was to collect subsurface soil samples at pre-determined depths.
- Project activities were performed for ComEd in cooperation with Kenny Construction, STS Consultants and Subsurface Drilling, Inc.
- SET and Subsurface Drilling, Inc. mobilized to site on October 19, 20, and 21, 2005.
- SET and STS mobilized again on January 18, 2006 to collect the third sample
- Two areas designated as location 2043 and 2044 were selected for subsurface investigation.
- Subsurface Drilling constructed a rear mounted drilling rig/probe to perform site activities.
- One boring was performed at location 2044 on October 20, 2005.
- SET collected three soil samples at various depths (surface-10', 34'-37' and 45'-48' respectively).
- 4 to 6 foot depths of location 2044 consisted of a backfill including odorous and stained soils.
- The native clay table was encountered at 10.5 feet to 25 feet.
- An additional boring was collected at location 2043 on October 21, 2005.
- The entire boring consisted of non-native materials including clay, debris, cinders, and rocks. No clay table was encountered.
- The final boring was moved from the original plotted area for safety and utility concerns.
- SET collected samples at 1', 30', and 45' at the Cermak boring.
- Odorous soils and backfill were noted in depths up to 10' at this location.
- The native clay table was encountered at 19'.
- Samples were collected, labeled, iced and transported under strict chain of custody procedures to STAT analysis.
- Samples were submitted for analysis of total metals, RCRA TCLP metals, BTEX, PNA's, PCB's, Mercury, and TCLP organics.
- One sample (001) at surface-10' depth exhibited elevated levels when compared to IEPA TACO tier 1 residential tables and TCLP benzene levels above RCRA-TSCA limits.
- Samples 002, 010 and 011 indicated elevated levels above the IEPA TACO tier 1 residential tables.
- Sample Fisk (011806)1'elevated levels above the IEPA TACO tier 1 residential tables.
- Sample Fisk (011806)30' and Fisk (011806)45' did not exhibit any levels above the TACO tables.
- SET recommends additional soil sampling for TCLP benzene during excavation activities at location 2044. This may help minimize the hazardous waste portion of the project and lower transportation and disposal costs.
- SET believes that no contamination is present pat approximately 20' depth at the Cermak boring location. SET bases this decision on analytical results and PID monitoring results.

- SET recommends that all soils removed 2043 and 2044 be disposed of in an approved, secure landfill.
- SET has not completed a profile of the soils and determined a secured landfill at the time this report was developed.

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ATTACHMENT A
SITE LOCATION MAPS

Yahoo! Maps - Chicago, IL 60608

« Back to Map

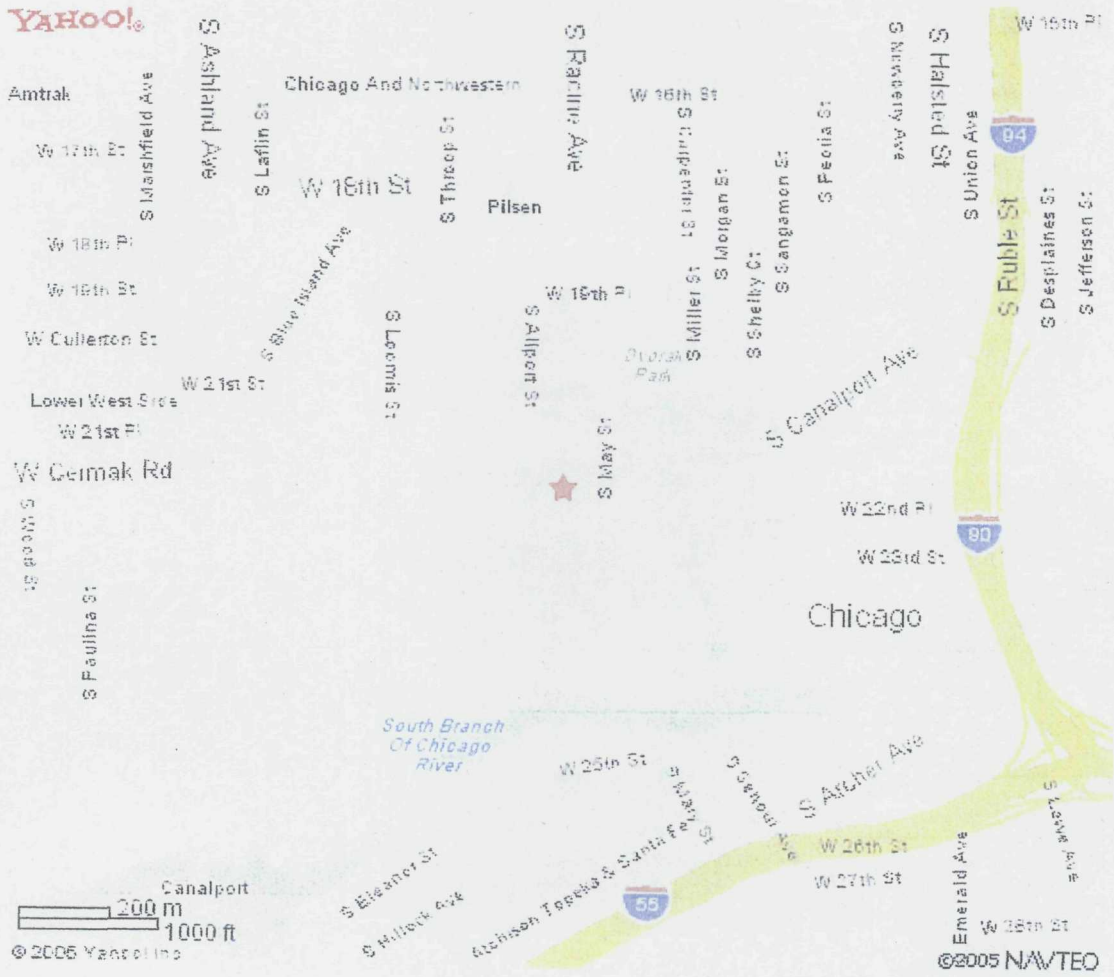
W Cermak Rd At S Racine Ave Chicago, IL 60608

COMF0000012

Yahoo! Maps - Chicago, IL 60608

« Back to Map

W Cermak Rd At S Racine Ave Chicago, IL 60608



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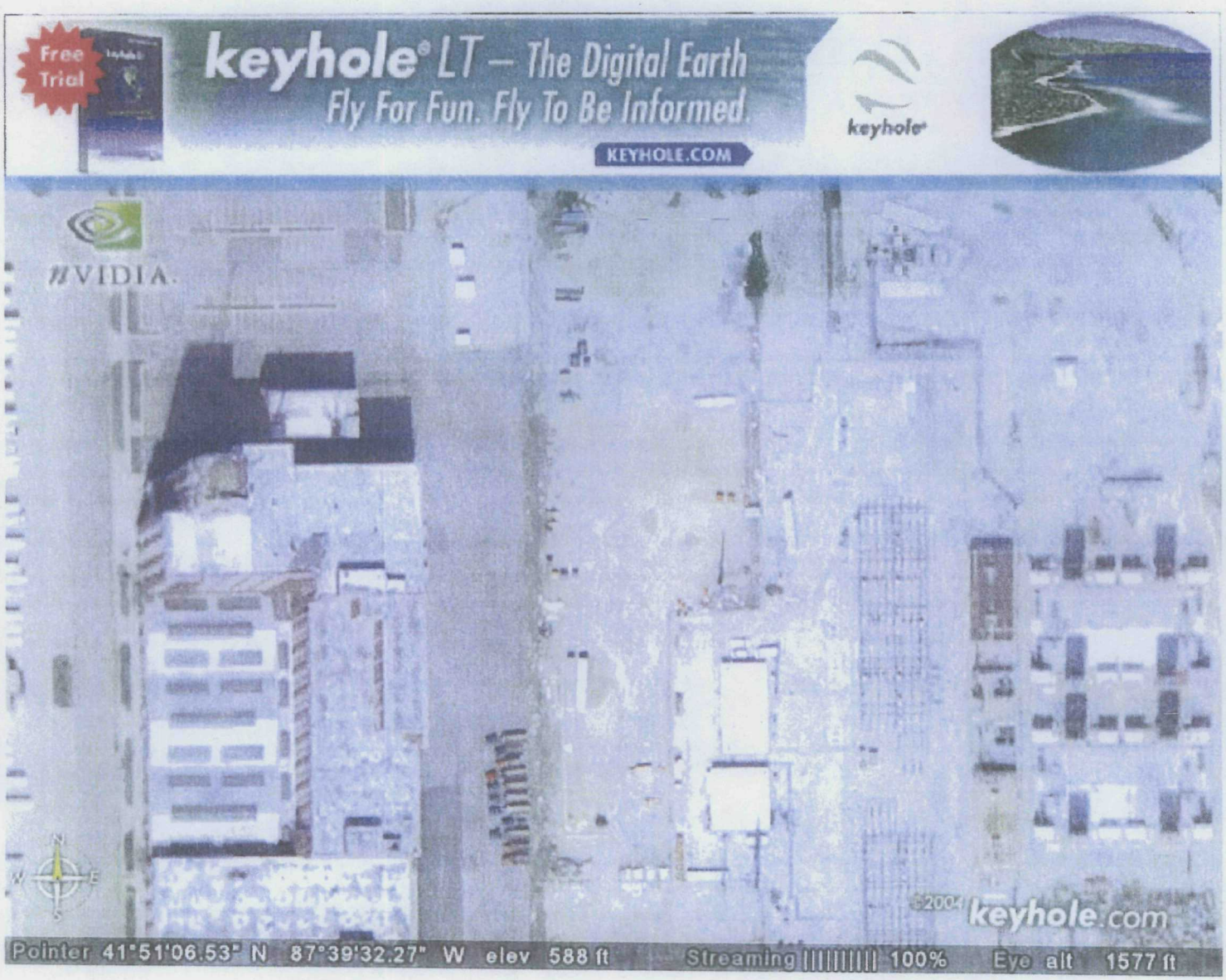
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Pointer 41°51'06.53" N 87°39'32.27" W elev 588 ft
Streaming 100%
Eye alt 1577 ft

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ATTACHMENT B
LOG OF BORING

SET Environmental, Inc

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LOG OF BORING

Project Name & Site Address	SET Project Number	Date
ComEd/Kenny Construction Scorpion Tail-Fisk Station, Cermak & Racine, Chicago, IL	*510047*	*10/20/05*
Drilling Firm and Equipment Description	**Boring Diameter**	**Boring Number**
Subsurface Drilling, Inc/B-61 mobile drill rig (truck mounted)	*2"*	*4 @ 2044*

Sample# /Depth	Depth in Feet	Readings (PID, FID Ph, GCMS, Temp) Include paramaters	Soil Type and Remarks
	0		0-7" - Asphalt 7"-12" - Granular Stained Sand 2"-4' - Cinders and Fill
001 (Surface-10')		@ Surface-10' PID=0.0-1.0 ppm	4'-10' - Strong benzene/sulfur odorous cinders. (Obvious maration pathway)
	10	@ 13' PID=9.4-14.6 ppm	
		@ 17' PID=0.5-3.8 ppm	
	20		
			10.5'-55" - Clay (Appears to be native)
	30		
002 (34'-37')		@37' PID=0.0 ppm	
	40		
003 (23'-25')		@45' PID=0.0 ppm	
	50		
	60		

Depth of suspected Contamination: *Surface- 20* feet **Depth of Groundwater:** N/A

Laboratory Soil Sample Collected? Y N **Quantity ? (indicate on log)** 3 **Groundwater sample collected?** Y N

Laboratory Analysis Parameters: CID Daramend Parameters

SAMPLE COC#: SET 13249 **Laboratory:** STAT Analysis **Date Submitted:** 10/20/05

Log of Boring

SET Environmental, Inc

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LOG OF BORING

Project Name & Site Address	SET Project Number	Date
ComEd/Kenny Construction Scorpion Tail-Fisk Station, Cermak & Racine, Chicago, IL	*510047*	*10/21/05*
Drilling Firm and Equipment Description	**Boring Diameter**	**Boring Number**
Subsurface Drilling, Inc/B-61 mobile drill rig (truck mounted)	*2" & 2 ½"*	*5 @ 2043*

Sample# /Depth	Depth in Feet	Readings (PID, FID Ph, GCMS, Temp) Include paramaters	Soil Type and Remarks
010 (Surface-8')	0 - - - - 10 - - - - 20 - - - - 30 - - - - 40 - - - - 50 - - - - 60	@ Surface-10' PID=26.4-26.6 ppm @ 15' PID=1.3-1.5 ppm @ 20' PID=0.00 ppm @ 30' PID=0.00 ppm @38' PID=0.0 ppm @46' PID=0.0 ppm	Surface-2' - Backfill (debris, bricks, cut cinders 2'-15' - Clay Barrier (Appears non-native due to pieces of rocks and brick Black-silty 15'-55' - Fill material (Cinder, slag, brick, limestone Sand (non-native)
011 (30'-32')			
012 (45'-46.5')			

Depth of suspected Contamination: Surface- 20 feet **Depth of Groundwater:** N/A

Laboratory Soil Sample Collected? Y N **Quantity ? (indicate on log)** 3 **Groundwater sample collected?** Y N

Laboratory Analysis Parameters: CID Daramend Parameters

SAMPLE COC#: SET 13250 **Laboratory:** STAT Analysis **Date Submitted:** 10/21/05

Log of Boring

SET Environmental, Inc

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LOG OF BORING

Project Name & Site Address	SET Project Number	Date
Com Ed Scorpion Tail Fisk Station	601027	18 JAN 06
Drilling Firm and Equipment Description	**Boring Diameter**	**Boring Number**
STS Rear Truck Mount with a 4" auger bore	4"	1

Sample# /Depth	Depth in Feet	Readings (PID, FID Ph, GCMS, Temp) Include paramaters	Soil Type and Remarks
Fisk 011806-01	0 - - - - 5 - - - - 10 - - - - 15 - - - - 20 - - - - 30 - - - - 45	7.5 ppm 41.0 ppm 89.8 ppm 0.9 ppm 0.0 ppm 0.0 ppm	Road gravel, heavy soil, broken bricks Sample taken 0-4' (sideway of pre-dug excavation) Silt, sand, small stones Sample taken 7-8' Silt, sand, clay, minimal outside debris Sample taken 10' Clay, native (STS) Sample taken 19-21' Clay, native (STS) Sample taken 38-31' Clay, native (STS) Sample taken 45'

Depth of suspected Contamination: } 8 **feet** **Depth of Groundwater:** N/A

Laboratory Soil Sample Collected? Y N **Quantity ?(indicate on log)** 3 - 1 qt. **Groundwater sample collected?** Y N

Laboratory Analysis Parameters: CID Daramend Parameters

SAMPLE COC#: 14665 **Laboratory:** STAT **Date Submitted:** 18 JAN 06

Environmental, Inc
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ATTACHMENT C
LABORATORY ANALYSIS

STAT Analysis Corporation
2255 West Harrison St., Suite B, Chicago, IL 60612-3505
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

November 04, 2005

SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Telephone: (847) 537-9221
Fax: (847) 537-9265

RE: 510047, ComEd, Scorpion Tail STAT Project No: 05100504

Dear SET Environmental, Inc.:

STAT Analysis received 3 samples for the referenced project on 10/20/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

COMF0000020

Client: SET Environmental, Inc.
Project: 510047, ComEd, Scorpion Tail
Lab Order: 05100504

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
05100504-001A	MJD102005-001 #4 (2004)		10/20/2005 8:37:00 AM	10/20/2005
05100504-002A	MJD102005-002 #4 (2044)		10/20/2005 12:05:00 PM	10/20/2005
05100504-003A	MJD102005-003 #4 (2044)		10/20/2005 12:33:00 PM	10/20/2005

CLIENT:	SET Environmental, Inc.
Project:	510047, ComEd, Scorpion Tail
Lab Order:	05100504

CASE NARRATIVE

The following three parameters apply to sample number MJD102005-002 #4 (2044) @ 34'- 37' (05100504-002):

Reactivity with Water: None
Odor: None
Physical Description: Gray soil

Sample MJD102005-002 #4 (2044) @ 34'- 37' (05100504-002) had high TCLP SVOC surrogate recovery for Nitrobenzene-d5 (115% recovery, QC Limits 35-114%).

Due to matrix interference, sample MJD102005-001 #4 (2004) @ 6"- 7" (05100504-001) had high Herbicide water surrogate recovery for 2,4-Dichlorophenylacetic acid (354% Recovery, QC Limits 50-150%).

STAT Analysis Corporation
2255 West Harrison St., Suite B, Chicago, IL 60612-3505
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-001 #4 (2004) @ 6
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 8:37:00 AM
Lab ID:	05100504-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **10/24/2005**		Analyst: **ERP**
Aroclor 1016	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1221	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1232	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1242	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1248	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1254	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1260	ND	0.079		mg/Kg	1	10/25/2005
TCLP Pesticides		**SW8081 (SW3510C)**		Prep Date: **10/25/2005**		Analyst: **ERP**
Chlordane	ND	0.0001		mg/L	1	10/25/2005
Endrin	ND	0.0002		mg/L	1	10/25/2005
gamma-BHC	ND	0.001		mg/L	1	10/25/2005
Heptachlor	ND	0.0001		mg/L	1	10/25/2005
Heptachlor epoxide	ND	0.0001		mg/L	1	10/25/2005
Methoxychlor	ND	0.0001		mg/L	1	10/25/2005
Toxaphene	ND	0.002		mg/L	1	10/25/2005
TCLP Herbicides		**SW1311/8321A (SW3510C)**		Prep Date: **10/25/2005**		Analyst: **ERP**
2,4,5-TP (Silvex)	ND	0.001		mg/L	1	10/26/2005
2,4-D	ND	0.002		mg/L	1	10/26/2005
TCLP Mercury		**SW1311/7470A**		Prep Date: **10/24/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	10/24/2005
Mercury		**SW7471A**		Prep Date: **10/24/2005**		Analyst: **JG**
Mercury	0.037	0.025		mg/Kg	1	10/24/2005
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **10/25/2005**		Analyst: **JG**
Arsenic	9.7	0.93		mg/Kg	10	10/25/2005
Barium	710	0.93		mg/Kg	10	10/25/2005
Cadmium	2.2	0.47		mg/Kg	10	10/25/2005
Chromium	11	0.93		mg/Kg	10	10/25/2005
Lead	120	0.47		mg/Kg	10	10/25/2005
Selenium	2.2	0.93		mg/Kg	10	10/25/2005
Silver	ND	0.93		mg/Kg	10	10/25/2005
TCLP Metals by ICP/MS		**SW1311/6020 (SW3005A)**		Prep Date: **10/24/2005**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	10/25/2005
Barium	1.5	0.02		mg/L	5	10/25/2005
Cadmium	0.017	0.005		mg/L	5	10/25/2005
Chromium	ND	0.01		mg/L	5	10/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2255 West Harrison St., Suite B, Chicago, IL 60612-3505
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-001 #4 (2004) @ 6
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 8:37:00 AM
Lab ID:	05100504-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **10/24/2005**		Analyst: **JG**
Lead	0.095	0.005		mg/L	5	10/25/2005
Selenium	ND	0.01		mg/L	5	10/25/2005
Silver	ND	0.01		mg/L	5	10/25/2005
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **10/25/2005**		Analyst: **PAB**
1,2,4-Trichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
1,2-Dichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
1,3-Dichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
1,4-Dichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
2, 2'-oxybis(1-Chloropropane	ND	0.17		mg/Kg	1	10/25/2005
2,4,5-Trichlorophenol	ND	0.33		mg/Kg	1	10/25/2005
2,4,6-Trichlorophenol	ND	0.17		mg/Kg	1	10/25/2005
2,4-Dichlorophenol	ND	0.17		mg/Kg	1	10/25/2005
2,4-Dimethylphenol	ND	0.17		mg/Kg	1	10/25/2005
2,4-Dinitrophenol	ND	0.79		mg/Kg	1	10/25/2005
2,4-Dinitrotoluene	ND	0.17		mg/Kg	1	10/25/2005
2,6-Dinitrotoluene	ND	0.17		mg/Kg	1	10/25/2005
2-Chloronaphthalene	ND	0.17		mg/Kg	1	10/25/2005
2-Chlorophenol	ND	0.17		mg/Kg	1	10/25/2005
2-Methylnaphthalene	110	17		mg/Kg	100	10/26/2005
2-Methylphenol	ND	0.17		mg/Kg	1	10/25/2005
2-Nitroaniline	ND	0.79		mg/Kg	1	10/25/2005
2-Nitrophenol	ND	0.17		mg/Kg	1	10/25/2005
3,3'-Dichlorobenzidine	ND	0.33		mg/Kg	1	10/25/2005
3-Nitroaniline	ND	0.79		mg/Kg	1	10/25/2005
4,6-Dinitro-2-methylphenol	ND	0.79		mg/Kg	1	10/25/2005
4-Bromophenyl phenyl ether	ND	0.17		mg/Kg	1	10/25/2005
4-Chloro-3-methylphenol	ND	0.17		mg/Kg	1	10/25/2005
4-Chloroaniline	ND	0.17		mg/Kg	1	10/25/2005
4-Chlorophenyl phenyl ether	ND	0.17		mg/Kg	1	10/25/2005
4-Methylphenol	ND	0.17		mg/Kg	1	10/25/2005
4-Nitroaniline	ND	0.79		mg/Kg	1	10/25/2005
4-Nitrophenol	ND	0.79		mg/Kg	1	10/25/2005
Acenaphthene	43	1.7		mg/Kg	10	10/26/2005
Acenaphthylene	64	17		mg/Kg	100	10/26/2005
Aniline	ND	0.17		mg/Kg	1	10/25/2005
Anthracene	37	1.7		mg/Kg	10	10/26/2005
Benz(a)anthracene	26	1.7		mg/Kg	10	10/26/2005
Benzidine	ND	0.17		mg/Kg	1	10/25/2005

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-001 #4 (2004) @ 6
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 8:37:00 AM
Lab ID:	05100504-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **10/25/2005**		Analyst: **PAB**
Benzo(a)pyrene	12	1.7		mg/Kg	10	10/26/2005
Benzo(b)fluoranthene	11	1.7		mg/Kg	10	10/26/2005
Benzo(g,h,i)perylene	5.1	0.17		mg/Kg	1	10/25/2005
Benzo(k)fluoranthene	5.4	1.7		mg/Kg	10	10/26/2005
Benzoic acid	ND	0.79		mg/Kg	1	10/25/2005
Benzyl alcohol	ND	0.17		mg/Kg	1	10/25/2005
Bis(2-chloroethoxy)methane	ND	0.17		mg/Kg	1	10/25/2005
Bis(2-chloroethyl)ether	ND	0.17		mg/Kg	1	10/25/2005
Bis(2-ethylhexyl)phthalate	ND	0.17		mg/Kg	1	10/25/2005
Butyl benzyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Carbazole	1.1	0.17		mg/Kg	1	10/25/2005
Chrysene	25	1.7		mg/Kg	10	10/26/2005
Di-n-butyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Di-n-octyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Dibenz(a,h)anthracene	1.4	0.17		mg/Kg	1	10/25/2005
Dibenzofuran	2.1	0.17		mg/Kg	1	10/25/2005
Diethyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Dimethyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Fluoranthene	49	1.7		mg/Kg	10	10/26/2005
Fluorene	32	1.7		mg/Kg	10	10/26/2005
Hexachlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
Hexachlorobutadiene	ND	0.17		mg/Kg	1	10/25/2005
Hexachlorocyclopentadiene	ND	0.17		mg/Kg	1	10/25/2005
Hexachloroethane	ND	0.17		mg/Kg	1	10/25/2005
Indeno(1,2,3-cd)pyrene	4.3	0.17		mg/Kg	1	10/25/2005
Isophorone	ND	0.17		mg/Kg	1	10/25/2005
N-Nitrosodi-n-propylamine	ND	0.17		mg/Kg	1	10/25/2005
N-Nitrosodimethylamine	ND	0.17		mg/Kg	1	10/25/2005
N-Nitrosodiphenylamine	ND	0.17		mg/Kg	1	10/25/2005
Naphthalene	210	17		mg/Kg	100	10/26/2005
Nitrobenzene	ND	0.17		mg/Kg	1	10/25/2005
Pentachlorophenol	ND	0.79		mg/Kg	1	10/25/2005
Phenanthrene	91	17		mg/Kg	100	10/26/2005
Phenol	ND	0.17		mg/Kg	1	10/25/2005
Pyrene	47	17		mg/Kg	100	10/26/2005
Pyridine	ND	0.17		mg/Kg	1	10/25/2005
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **10/25/2005**		Analyst: **PAB**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	10/26/2005

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-001 #4 (2004) @ 6
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 8:37:00 AM
Lab ID:	05100504-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **10/25/2005**		Analyst: **PAB**
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	10/26/2005
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	10/26/2005
2,4-Dinitrotoluene	ND	0.01		mg/L	1	10/26/2005
2-methylphenol	0.024	0.01		mg/L	1	10/26/2005
3- & 4-Methylphenol	0.024	0.01		mg/L	1	10/26/2005
Hexachlorobenzene	ND	0.01		mg/L	1	10/26/2005
Hexachlorobutadiene	ND	0.01		mg/L	1	10/26/2005
Hexachloroethane	ND	0.01		mg/L	1	10/26/2005
Nitrobenzene	ND	0.01		mg/L	1	10/26/2005
Pentachlorophenol	ND	0.05		mg/L	1	10/26/2005
Pyridine	ND	0.01		mg/L	1	10/26/2005
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **10/21/2005**		Analyst: **PS**
1,1,1-Trichloroethane	ND	0.48		mg/Kg	100	10/24/2005
1,1,2,2-Tetrachloroethane	ND	0.48		mg/Kg	100	10/24/2005
1,1,2-Trichloroethane	ND	0.48		mg/Kg	100	10/24/2005
1,1-Dichloroethane	ND	0.48		mg/Kg	100	10/24/2005
1,1-Dichloroethene	ND	0.48		mg/Kg	100	10/24/2005
1,2-Dichloroethane	ND	0.48		mg/Kg	100	10/24/2005
1,2-Dichloropropane	ND	0.48		mg/Kg	100	10/24/2005
2-Butanone	ND	0.96		mg/Kg	100	10/24/2005
2-Hexanone	ND	0.96		mg/Kg	100	10/24/2005
4-Methyl-2-pentanone	ND	0.96		mg/Kg	100	10/24/2005
Acetone	ND	4.8		mg/Kg	100	10/24/2005
Benzene	97	4.8		mg/Kg	1000	10/24/2005
Bromodichloromethane	ND	0.48		mg/Kg	100	10/24/2005
Bromoform	ND	0.48		mg/Kg	100	10/24/2005
Carbon disulfide	0.53	0.48		mg/Kg	100	10/24/2005
Carbon tetrachloride	ND	0.48		mg/Kg	100	10/24/2005
Chlorobenzene	ND	0.48		mg/Kg	100	10/24/2005
Chloroethane	ND	0.96		mg/Kg	100	10/24/2005
Chloroform	ND	0.48		mg/Kg	100	10/24/2005
Chloromethane	ND	0.96		mg/Kg	100	10/24/2005
cis-1,2-Dichloroethene	ND	0.48		mg/Kg	100	10/24/2005
cis-1,3-Dichloropropene	ND	0.48		mg/Kg	100	10/24/2005
Dibromochloromethane	ND	0.48		mg/Kg	100	10/24/2005
Ethylbenzene	130	4.8		mg/Kg	1000	10/24/2005
Methyl tert-butyl ether	ND	0.48		mg/Kg	100	10/24/2005
Methylene chloride	ND	0.96		mg/Kg	100	10/24/2005

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Report Date: November 04, 2005
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Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-001 #4 (2004) @ 6
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 8:37:00 AM
Lab ID:	05100504-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **10/21/2005**		Analyst: **PS**
Styrene	ND	0.48		mg/Kg	100	10/24/2005
Tetrachloroethene	ND	0.48		mg/Kg	100	10/24/2005
Toluene	55	4.8		mg/Kg	1000	10/24/2005
trans-1,2-Dichloroethene	ND	0.48		mg/Kg	100	10/24/2005
trans-1,3-Dichloropropene	ND	0.48		mg/Kg	100	10/24/2005
Trichloroethene	ND	0.48		mg/Kg	100	10/24/2005
Vinyl chloride	ND	0.48		mg/Kg	100	10/24/2005
Xylenes, Total	120	14		mg/Kg	1000	10/24/2005
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **10/24/2005**		Analyst: **PS**
Benzene	3.6	0.5		mg/L	100	10/25/2005
2-Butanone	ND	1		mg/L	100	10/25/2005
Carbon tetrachloride	ND	0.5		mg/L	100	10/25/2005
Chlorobenzene	ND	0.5		mg/L	100	10/25/2005
Chloroform	ND	0.5		mg/L	100	10/25/2005
1,2-Dichloroethane	ND	0.5		mg/L	100	10/25/2005
1,1-Dichloroethene	ND	0.5		mg/L	100	10/25/2005
Tetrachloroethene	ND	0.5		mg/L	100	10/25/2005
Trichloroethene	ND	0.5		mg/L	100	10/25/2005
Vinyl chloride	ND	0.5		mg/L	100	10/25/2005
Cyanide, Reactive	**SW7.3.3.2**			Prep Date: **10/21/2005**		Analyst: **YZ**
Reactive Cyanide	ND	1		mg/Kg	1	10/25/2005
Flash Point (Open-Cup)	**SW1010**			Prep Date: **10/24/2005**		Analyst: **PMS**
Flashpoint	No flash up to 212			°F	1	10/24/2005
Paint Filter	**SW9095A**			Prep Date: **10/21/2005**		Analyst: **RW**
Paint Filter	Pass			Pass/Fail	1	10/21/2005
pH (1:10, 25 °C)	**SW9045C**			Prep Date: **10/21/2005**		Analyst: **ICD**
pH	9.4			pH Units	1	10/21/2005
Phenolics	**SW9066 (SW9065)**			Prep Date: **10/21/2005**		Analyst: **YZ**
Phenolics, Total Recoverable	3.1	0.25		mg/Kg	1	10/26/2005
Sulfide, Reactive	**SW7.3.4.2**			Prep Date: **10/26/2005**		Analyst: **YZ**
Reactive Sulfide	ND	10		mg/Kg	1	10/26/2005

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-002 #4 (2044) @ 3
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 12:05:00 PM
Lab ID:	05100504-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs in Solid		**SW8082 (SW3580A)**		Prep Date: **10/31/2005**		Analyst: **ERP**
Aroclor 1016	ND	0.79		mg/Kg-dry	1	11/3/2005
Aroclor 1221	ND	0.79		mg/Kg-dry	1	11/3/2005
Aroclor 1232	ND	0.79		mg/Kg-dry	1	11/3/2005
Aroclor 1242	ND	0.79		mg/Kg-dry	1	11/3/2005
Aroclor 1248	ND	0.79		mg/Kg-dry	1	11/3/2005
Aroclor 1254	ND	0.79		mg/Kg-dry	1	11/3/2005
Aroclor 1260	ND	0.79		mg/Kg-dry	1	11/3/2005
TCLP Mercury		**SW1311/7470A**		Prep Date: **11/1/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	11/1/2005
TCLP Metals by ICP/MS		**SW1311/6020 (SW3005A)**		Prep Date: **11/1/2005**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	11/1/2005
Barium	0.62	0.05		mg/L	5	11/1/2005
Cadmium	ND	0.005		mg/L	5	11/1/2005
Chromium	ND	0.01		mg/L	5	11/1/2005
Copper	ND	0.1		mg/L	5	11/1/2005
Lead	0.14	0.005		mg/L	5	11/1/2005
Nickel	0.072	0.02		mg/L	5	11/1/2005
Selenium	ND	0.01		mg/L	5	11/1/2005
Silver	ND	0.01		mg/L	5	11/1/2005
Zinc	0.057	0.05		mg/L	5	11/1/2005
Polynuclear Aromatic Hydrocarbons		**SW8270C-SIM (SW3550B)**		Prep Date: **11/1/2005**		Analyst: **VS**
Acenaphthene	0.052	0.029		mg/Kg-dry	1	11/1/2005
Acenaphthylene	0.058	0.029		mg/Kg-dry	1	11/1/2005
Anthracene	0.043	0.029		mg/Kg-dry	1	11/1/2005
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	11/1/2005
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	11/1/2005
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	11/1/2005
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	11/1/2005
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	11/1/2005
Chrysene	ND	0.029		mg/Kg-dry	1	11/1/2005
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	11/1/2005
Fluoranthene	0.041	0.029		mg/Kg-dry	1	11/1/2005
Fluorene	0.059	0.029		mg/Kg-dry	1	11/1/2005
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	11/1/2005
Naphthalene	0.66	0.29		mg/Kg-dry	10	11/2/2005
Phenanthrene	0.18	0.029		mg/Kg-dry	1	11/1/2005
Pyrene	0.062	0.029		mg/Kg-dry	1	11/1/2005

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-002 #4 (2044) @ 3
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 12:05:00 PM
Lab ID:	05100504-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **11/2/2005**		Analyst: **PAB**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	11/3/2005
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	11/3/2005
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	11/3/2005
2,4-Dinitrotoluene	ND	0.01		mg/L	1	11/3/2005
2-methylphenol	ND	0.01		mg/L	1	11/3/2005
3- & 4-Methylphenol	ND	0.01		mg/L	1	11/3/2005
Hexachlorobenzene	ND	0.01		mg/L	1	11/3/2005
Hexachlorobutadiene	ND	0.01		mg/L	1	11/3/2005
Hexachloroethane	ND	0.01		mg/L	1	11/3/2005
Nitrobenzene	ND	0.01		mg/L	1	11/3/2005
Pentachlorophenol	ND	0.05		mg/L	1	11/3/2005
Pyridine	ND	0.01		mg/L	1	11/3/2005
BTEX by GC/MS	**SW8260B**			Prep Date: **11/1/2005**		Analyst: **MP**
Benzene	0.053	0.0059		mg/Kg-dry	1	11/1/2005
Toluene	0.017	0.0059		mg/Kg-dry	1	11/1/2005
Ethylbenzene	0.011	0.0059		mg/Kg-dry	1	11/1/2005
Xylenes, Total	ND	0.018		mg/Kg-dry	1	11/1/2005
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **11/1/2005**		Analyst: **MP**
Benzene	ND	0.05		mg/L	10	11/2/2005
2-Butanone	ND	0.1		mg/L	10	11/2/2005
Carbon tetrachloride	ND	0.05		mg/L	10	11/2/2005
Chlorobenzene	ND	0.05		mg/L	10	11/2/2005
Chloroform	ND	0.05		mg/L	10	11/2/2005
1,2-Dichloroethane	ND	0.05		mg/L	10	11/2/2005
1,1-Dichloroethene	ND	0.05		mg/L	10	11/2/2005
Tetrachloroethene	ND	0.05		mg/L	10	11/2/2005
Trichloroethene	ND	0.05		mg/L	10	11/2/2005
Vinyl chloride	ND	0.05		mg/L	10	11/2/2005
Ash Content	**E160.4**			Prep Date: **10/31/2005**		Analyst: **ICD**
Ash Content	98	0.01	*	wt%	1	11/1/2005
Cyanide on ASTM Extract	**D3987-85/SW9012A**			Prep Date: **11/1/2005**		Analyst: **YZ**
Cyanide	ND	0.005	*	mg/L	1	11/3/2005
Chemical Oxygen Demand on ASTM Extract	**D3987-85/E410.4**			Prep Date: **11/2/2005**		Analyst: **YZ**
Chemical Oxygen Demand	ND	20	*	mg/L	1	11/3/2005
Ammonia as Nitrogen on ASTM Extract	**D3987-85/E350.1**			Prep Date: **11/2/2005**		Analyst: **YZ**

Qualifiers:

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102005-002 #4 (2044) @ 3
Lab Order:	05100504	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/20/2005 12:05:00 PM
Lab ID:	05100504-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Ammonia as Nitrogen on ASTM Extract	**D3987-85/E350.1**			Prep Date: **11/2/2005**		Analyst: **YZ**
Nitrogen, Ammonia (As N)	0.12	0.05	*	mg/L	1	11/4/2005
Oil and Grease on ASTM Extract	**D3987-85/E1664**			Prep Date: **11/1/2005**		Analyst: **RW**
Oil and Grease	ND	5	*	mg/L	1	11/2/2005
Oxidizing Agents Screen on ASTM Extract	**D4981-89**			Prep Date: **11/1/2005**		Analyst: **RW**
Oxidizing Agents	NEG		*	POS/NEG	1	11/1/2005
PH on ASTM Extract	**D3987-85/E150.1**			Prep Date: **11/1/2005**		Analyst: **ICD**
pH	8.3		*	pH Units	1	11/1/2005
Cyanide, Total	**SW9012A**			Prep Date: **11/2/2005**		Analyst: **YZ**
Cyanide	ND	0.29		mg/Kg-dry	1	11/3/2005
Flash Point (Open-Cup)	**SW1010**			Prep Date: **11/1/2005**		Analyst: **PMS**
Flashpoint	No flash up to 212			°F	1	11/1/2005
Paint Filter	**SW9095A**			Prep Date: **11/1/2005**		Analyst: **RW**
Paint Filter	Pass			Pass/Fail	1	11/1/2005
pH (1:10, 25 °C)	**SW9045C**			Prep Date: **10/31/2005**		Analyst: **ICD**
pH	9.2			pH Units	1	10/31/2005
Phenolics	**SW9066 (SW9065)**			Prep Date: **11/2/2005**		Analyst: **YZ**
Phenolics, Total Recoverable	ND	0.29		mg/Kg-dry	1	11/3/2005
Percent Moisture	**D2974**			Prep Date: **10/31/2005**		Analyst: **ICD**
Percent Moisture	15.2	0.01	*	wt%	1	11/1/2005
Solids, Total	**D2974**			Prep Date: **10/31/2005**		Analyst: **ICD**
Total Solid	84.8	0.01	*	wt%	1	11/1/2005
Sulfide, Reactive	**SW7.3.4.2**			Prep Date: **10/31/2005**		Analyst: **YZ**
Reactive Sulfide	ND	10	H	mg/Kg	1	10/31/2005

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SET Environmental, Inc.

Chain of Custody Record

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

COC #: 13249

Client: ComEd
Address: 3 Lincoln Centre, 6th Flr
Oak Brook Terrace, IL
Phone #: 630/437-4301 Fax #: 630/437-2177
P.O. #: _____ Proj #: 510047
Client Contact: Michele Dybel
Project / Location: ComEd - Scorpion Tail

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other _____
(3. Soil) 6. Groundwater

Container Type:
P-Plastic V-VOC Vial O-Other _____
(G-Glass) B-Tedlar Bag

Preservative:
1. None 3. HN03 5. HCl (7. On Ice)
2. H2SO4 4. NaOH 6. MeOH 8. Other _____

Sample I.D. / Drum Numbers	Sample Type	Container Size	Container Type	Container No.	Sampling pH	Sampling Temp	Sampling Date	Sampling Time	Preservation Field	Preservation Lab	Analyses: Total Organics	Total Metals	CLP Dilamend	Archive Pending 001	Archive Pending 002	
MJO102005-001 #4 (2044) @ 6"-7'	3	qt	G	001	-	55°	10/20	8:37	ICE		X	X	X			001
MJO102005-002 #4 (2044) @ 34'-37'	3	qt	G	002	-	55°	10/20	12:05	ICE					X		002
MJO-102005-003 #4 (2044) @ 45'-48'	3	qt	G	003	-	55°	10/20	12:33	ICE						X	003

Sampled By:	Date: 10/20/05 Time: 12:	Accepted By:	Date: 10/20/05 Time: 13:06
Relinquished By:	Date: / / Time: :	Accepted By:	Date: / / Time: :
Relinquished By:	Date: / / Time: :	Accepted By:	Date: / / Time: :

Notes/Waste Generated:
From Boring #4
Reference Pole #
#2044
05100504

SPECIAL INSTRUCTIONS:

Turnaround Time:
☐ **Rush** (circle one)
1 2 or 3 day TAT
☒ **Routine** (5-10 days)
Due Date: ____-____-____

SET Contact: Don Bihun
Michael Ortiz
& MJAY077@Comcast.net

Lab:

Rev. May 2003

STAT Analysis Corporation

Sample Receipt Checklist

Client Name SET | Date and Time Received: 10/20/2005

Work Order Number 05100504 | Received by: JC

Checklist completed by: Jesus Cantu (Signature) 10/20/05 (Date) | Reviewed by: (Initials) 10/28/05 (Date)

Matrix | Carrier name | Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: | Date contacted: | Contacted by:

Response:

COMF0000032

05100504

Craig

From: <mjayo77@comcast.net>
To: <CChawla@statanalysis.com>
Cc: <"Dbihun@setenv"@setenv.com
Sent: Monday, October 31, 2005 12:21 PM
Attach: ComEd Scorpion Tail Analytical 1.pdf; ComEd-Scorpion Tail Analytical 2.pdf
Subject: ComEd Scorpion Tail

The following two samples have been archived pending results of the first sample set. Per discussion with WM, SET is requesting analysis as described herein.

STAT Project # 05400504- (sample# MJO102005-002)- (SET COC#13249)- Analysis of WM CODE R LN BTEX, PNA's, PCB's.

STAT Project #05100533 (sample # MJO102105-011)- (SET COC#13250)-Analysis of WM CODE LN BTEX, PNA's, PCB's.

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November 04, 2005

SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Telephone: (847) 537-9221
Fax: (847) 537-9265

RE: 510047, ComEd, Scorpion Tail STAT Project No: 05100533

Dear SET Environmental, Inc.:

STAT Analysis received 3 samples for the referenced project on 10/21/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

STAT Analysis Corporation

Date: November 04, 2005

Client:	SET Environmental, Inc.
Project:	510047, ComEd, Scorpion Tail
Lab Order:	05100533

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
05100533-001A	MJD102105-010 #5 (2043)		10/21/2005 9:00:00 AM	10/21/2005
05100533-002A	MJD102105-011 #5 (2043)		10/21/2005 11:25:00 AM	10/21/2005
05100533-003A	MJD102105-012 #5 (2043)		10/21/2005 12:38:00 PM	10/21/2005

CLIENT:	SET Environmental, Inc.
Project:	510047, ComEd, Scorpion Tail
Lab Order:	05100533

CASE NARRATIVE

The following three parameters apply to sample number MJD102105-011 #5 (2043) (05100533-002):

Reactivity with Water: None
Odor: Strong
Physical Description: Gray rocks and gray soil

Sample MJD102105-010 #5 (2043) TCLP extract had high SVOC surrogate recovery for 2,4,6-Tribromophenol (144% Recovery, QC limits 10-123%).

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-010 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 9:00:00 AM
Lab ID:	05100533-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **10/24/2005**		Analyst: **ERP**
Aroclor 1016	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1221	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1232	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1242	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1248	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1254	ND	0.079		mg/Kg	1	10/25/2005
Aroclor 1260	ND	0.079		mg/Kg	1	10/25/2005
TCLP Pesticides	**SW8081 (SW3510C)**			Prep Date: **10/25/2005**		Analyst: **ERP**
Chlordane	ND	0.0001		mg/L	1	10/26/2005
Endrin	ND	0.0002		mg/L	1	10/26/2005
gamma-BHC	ND	0.001		mg/L	1	10/26/2005
Heptachlor	ND	0.0001		mg/L	1	10/26/2005
Heptachlor epoxide	ND	0.0001		mg/L	1	10/26/2005
Methoxychlor	ND	0.0001		mg/L	1	10/26/2005
Toxaphene	ND	0.002		mg/L	1	10/26/2005
TCLP Herbicides	**SW1311/8321A (SW3510C)**			Prep Date: **10/25/2005**		Analyst: **ERP**
2,4,5-TP (Silvex)	ND	0.001		mg/L	1	10/26/2005
2,4-D	ND	0.002		mg/L	1	10/26/2005
TCLP Mercury	**SW1311/7470A**			Prep Date: **10/25/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	10/25/2005
Mercury	**SW7471A**			Prep Date: **10/24/2005**		Analyst: **JG**
Mercury	1.2	0.12		mg/Kg	5	10/24/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **10/25/2005**		Analyst: **JG**
Arsenic	13	0.94		mg/Kg	10	10/25/2005
Barium	160	0.94		mg/Kg	10	10/25/2005
Cadmium	1.8	0.47		mg/Kg	10	10/25/2005
Chromium	36	0.94		mg/Kg	10	10/25/2005
Lead	350	0.47		mg/Kg	10	10/25/2005
Selenium	1.5	0.94		mg/Kg	10	10/25/2005
Silver	ND	0.94		mg/Kg	10	10/25/2005
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **10/25/2005**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	10/27/2005
Barium	0.36	0.025		mg/L	5	10/27/2005
Cadmium	0.018	0.005		mg/L	5	10/27/2005
Chromium	0.01	0.01		mg/L	5	10/27/2005

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COMF0000037

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-010 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 9:00:00 AM
Lab ID:	05100533-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **10/25/2005**		Analyst: **JG**
Lead	0.12	0.005		mg/L	5	10/27/2005
Selenium	ND	0.01		mg/L	5	10/27/2005
Silver	ND	0.01		mg/L	5	10/27/2005
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **10/25/2005**		Analyst: **PAB**
1,2,4-Trichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
1,2-Dichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
1,3-Dichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
1,4-Dichlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
2, 2'-oxybis(1-Chloropropane	ND	0.17		mg/Kg	1	10/25/2005
2,4,5-Trichlorophenol	ND	0.33		mg/Kg	1	10/25/2005
2,4,6-Trichlorophenol	ND	0.17		mg/Kg	1	10/25/2005
2,4-Dichlorophenol	ND	0.17		mg/Kg	1	10/25/2005
2,4-Dimethylphenol	ND	0.17		mg/Kg	1	10/25/2005
2,4-Dinitrophenol	ND	0.79		mg/Kg	1	10/25/2005
2,4-Dinitrotoluene	ND	0.17		mg/Kg	1	10/25/2005
2,6-Dinitrotoluene	ND	0.17		mg/Kg	1	10/25/2005
2-Chloronaphthalene	ND	0.17		mg/Kg	1	10/25/2005
2-Chlorophenol	ND	0.17		mg/Kg	1	10/25/2005
2-Methylnaphthalene	4.3	0.17		mg/Kg	1	10/25/2005
2-Methylphenol	ND	0.17		mg/Kg	1	10/25/2005
2-Nitroaniline	ND	0.79		mg/Kg	1	10/25/2005
2-Nitrophenol	ND	0.17		mg/Kg	1	10/25/2005
3,3'-Dichlorobenzidine	ND	0.33		mg/Kg	1	10/25/2005
3-Nitroaniline	ND	0.79		mg/Kg	1	10/25/2005
4,6-Dinitro-2-methylphenol	ND	0.79		mg/Kg	1	10/25/2005
4-Bromophenyl phenyl ether	ND	0.17		mg/Kg	1	10/25/2005
4-Chloro-3-methylphenol	ND	0.17		mg/Kg	1	10/25/2005
4-Chloroaniline	ND	0.17		mg/Kg	1	10/25/2005
4-Chlorophenyl phenyl ether	ND	0.17		mg/Kg	1	10/25/2005
4-Methylphenol	ND	0.17		mg/Kg	1	10/25/2005
4-Nitroaniline	ND	0.79		mg/Kg	1	10/25/2005
4-Nitrophenol	ND	0.79		mg/Kg	1	10/25/2005
Acenaphthene	1.9	0.17		mg/Kg	1	10/25/2005
Acenaphthylene	4	0.17		mg/Kg	1	10/25/2005
Aniline	ND	0.17		mg/Kg	1	10/25/2005
Anthracene	2.2	0.17		mg/Kg	1	10/25/2005
Benz(a)anthracene	3.5	0.17		mg/Kg	1	10/25/2005
Benzidine	ND	0.17		mg/Kg	1	10/25/2005

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COMF0000038

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-010 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 9:00:00 AM
Lab ID:	05100533-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **10/25/2005**		Analyst: **PAB**
Benzo(a)pyrene	1.2	0.17		mg/Kg	1	10/25/2005
Benzo(b)fluoranthene	0.98	0.17		mg/Kg	1	10/25/2005
Benzo(g,h,i)perylene	1.6	0.17		mg/Kg	1	10/25/2005
Benzo(k)fluoranthene	0.85	0.17		mg/Kg	1	10/25/2005
Benzoic acid	ND	0.79		mg/Kg	1	10/25/2005
Benzyl alcohol	ND	0.17		mg/Kg	1	10/25/2005
Bis(2-chloroethoxy)methane	ND	0.17		mg/Kg	1	10/25/2005
Bis(2-chloroethyl)ether	ND	0.17		mg/Kg	1	10/25/2005
Bis(2-ethylhexyl)phthalate	ND	0.17		mg/Kg	1	10/25/2005
Butyl benzyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Carbazole	0.22	0.17		mg/Kg	1	10/25/2005
Chrysene	3.6	0.17		mg/Kg	1	10/25/2005
Di-n-butyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Di-n-octyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Dibenz(a,h)anthracene	0.43	0.17		mg/Kg	1	10/25/2005
Dibenzofuran	0.54	0.17		mg/Kg	1	10/25/2005
Diethyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Dimethyl phthalate	ND	0.17		mg/Kg	1	10/25/2005
Fluoranthene	2.8	0.17		mg/Kg	1	10/25/2005
Fluorene	1.6	0.17		mg/Kg	1	10/25/2005
Hexachlorobenzene	ND	0.17		mg/Kg	1	10/25/2005
Hexachlorobutadiene	ND	0.17		mg/Kg	1	10/25/2005
Hexachlorocyclopentadiene	ND	0.17		mg/Kg	1	10/25/2005
Hexachloroethane	ND	0.17		mg/Kg	1	10/25/2005
Indeno(1,2,3-cd)pyrene	1.3	0.17		mg/Kg	1	10/25/2005
Isophorone	ND	0.17		mg/Kg	1	10/25/2005
N-Nitrosodi-n-propylamine	ND	0.17		mg/Kg	1	10/25/2005
N-Nitrosodimethylamine	ND	0.17		mg/Kg	1	10/25/2005
N-Nitrosodiphenylamine	ND	0.17		mg/Kg	1	10/25/2005
Naphthalene	7.3	0.84		mg/Kg	5	10/26/2005
Nitrobenzene	ND	0.17		mg/Kg	1	10/25/2005
Pentachlorophenol	ND	0.79		mg/Kg	1	10/25/2005
Phenanthrene	7.6	0.84		mg/Kg	5	10/26/2005
Phenol	ND	0.17		mg/Kg	1	10/25/2005
Pyrene	3.3	0.17		mg/Kg	1	10/25/2005
Pyridine	ND	0.17		mg/Kg	1	10/25/2005
TCLP Semivolatile Organic Compounds		**SW1311/8270C (SW3510C)**		Prep Date: **10/25/2005**		Analyst: **PAB**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	10/26/2005

Qualifiers:

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COMF0000039

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-010 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 9:00:00 AM
Lab ID:	05100533-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **10/25/2005**		Analyst: **PAB**
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	10/26/2005
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	10/26/2005
2,4-Dinitrotoluene	ND	0.01		mg/L	1	10/26/2005
2-methylphenol	ND	0.01		mg/L	1	10/26/2005
3- & 4-Methylphenol	ND	0.01		mg/L	1	10/26/2005
Hexachlorobenzene	ND	0.01		mg/L	1	10/26/2005
Hexachlorobutadiene	ND	0.01		mg/L	1	10/26/2005
Hexachloroethane	ND	0.01		mg/L	1	10/26/2005
Nitrobenzene	ND	0.01		mg/L	1	10/26/2005
Pentachlorophenol	ND	0.05		mg/L	1	10/26/2005
Pyridine	ND	0.01		mg/L	1	10/26/2005
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **10/24/2005**		Analyst: **PS**
1,1,1-Trichloroethane	ND	0.0048		mg/Kg	1	10/25/2005
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg	1	10/25/2005
1,1,2-Trichloroethane	ND	0.0048		mg/Kg	1	10/25/2005
1,1-Dichloroethane	ND	0.0048		mg/Kg	1	10/25/2005
1,1-Dichloroethene	ND	0.0048		mg/Kg	1	10/25/2005
1,2-Dichloroethane	ND	0.0048		mg/Kg	1	10/25/2005
1,2-Dichloropropane	ND	0.0048		mg/Kg	1	10/25/2005
2-Butanone	ND	0.0096		mg/Kg	1	10/25/2005
2-Hexanone	ND	0.0096		mg/Kg	1	10/25/2005
4-Methyl-2-pentanone	ND	0.0096		mg/Kg	1	10/25/2005
Acetone	ND	0.048		mg/Kg	1	10/25/2005
Benzene	ND	0.0048		mg/Kg	1	10/25/2005
Bromodichloromethane	ND	0.0048		mg/Kg	1	10/25/2005
Bromoform	ND	0.0048		mg/Kg	1	10/25/2005
Carbon disulfide	ND	0.0048		mg/Kg	1	10/25/2005
Carbon tetrachloride	ND	0.0048		mg/Kg	1	10/25/2005
Chlorobenzene	ND	0.0048		mg/Kg	1	10/25/2005
Chloroethane	ND	0.0096		mg/Kg	1	10/25/2005
Chloroform	ND	0.0048		mg/Kg	1	10/25/2005
Chloromethane	ND	0.0096		mg/Kg	1	10/25/2005
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg	1	10/25/2005
cis-1,3-Dichloropropene	ND	0.0048		mg/Kg	1	10/25/2005
Dibromochloromethane	ND	0.0048		mg/Kg	1	10/25/2005
Ethylbenzene	ND	0.0048		mg/Kg	1	10/25/2005
Methyl tert-butyl ether	ND	0.0048		mg/Kg	1	10/25/2005
Methylene chloride	ND	0.0096		mg/Kg	1	10/25/2005

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R - RPD outside accepted recovery limits
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H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-010 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 9:00:00 AM
Lab ID:	05100533-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **10/24/2005**		Analyst: **PS**
Styrene	ND	0.0048		mg/Kg	1	10/25/2005
Tetrachloroethene	ND	0.0048		mg/Kg	1	10/25/2005
Toluene	ND	0.0048		mg/Kg	1	10/25/2005
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg	1	10/25/2005
trans-1,3-Dichloropropene	ND	0.0048		mg/Kg	1	10/25/2005
Trichloroethene	ND	0.0048		mg/Kg	1	10/25/2005
Vinyl chloride	ND	0.0048		mg/Kg	1	10/25/2005
Xylenes, Total	ND	0.014		mg/Kg	1	10/25/2005
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **10/24/2005**		Analyst: **PS**
Benzene	ND	0.05		mg/L	10	10/25/2005
2-Butanone	ND	0.1		mg/L	10	10/25/2005
Carbon tetrachloride	ND	0.05		mg/L	10	10/25/2005
Chlorobenzene	ND	0.05		mg/L	10	10/25/2005
Chloroform	ND	0.05		mg/L	10	10/25/2005
1,2-Dichloroethane	ND	0.05		mg/L	10	10/25/2005
1,1-Dichloroethene	ND	0.05		mg/L	10	10/25/2005
Tetrachloroethene	ND	0.05		mg/L	10	10/25/2005
Trichloroethene	ND	0.05		mg/L	10	10/25/2005
Vinyl chloride	ND	0.05		mg/L	10	10/25/2005
Cyanide, Reactive	**SW7.3.3.2**			Prep Date: **10/25/2005**		Analyst: **YZ**
Reactive Cyanide	ND	1		mg/Kg	1	10/25/2005
Flash Point (Open-Cup)	**SW1010**			Prep Date: **10/26/2005**		Analyst: **PMS**
Flashpoint	No flash up to 212			°F	1	10/26/2005
Paint Filter	**SW9095A**			Prep Date: **10/24/2005**		Analyst: **RW**
Paint Filter	Pass			Pass/Fail	1	10/24/2005
pH (1:10, 25 °C)	**SW9045C**			Prep Date: **10/24/2005**		Analyst: **ICD**
pH	8.2			pH Units	1	10/24/2005
Phenolics	**SW9066 (SW9065)**			Prep Date: **10/26/2005**		Analyst: **YZ**
Phenolics, Total Recoverable	0.41	0.25		mg/Kg	1	10/26/2005
Sulfide, Reactive	**SW7.3.4.2**			Prep Date: **10/26/2005**		Analyst: **YZ**
Reactive Sulfide	ND	10		mg/Kg	1	10/26/2005

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-011 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 11:25:00 AM
Lab ID:	05100533-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs in Solid	**SW8082 (SW3580A)**			Prep Date: **10/31/2005**		Analyst: **ERP**
Aroclor 1016	ND	0.77		mg/Kg-dry	1	11/3/2005
Aroclor 1221	ND	0.77		mg/Kg-dry	1	11/3/2005
Aroclor 1232	ND	0.77		mg/Kg-dry	1	11/3/2005
Aroclor 1242	ND	0.77		mg/Kg-dry	1	11/3/2005
Aroclor 1248	ND	0.77		mg/Kg-dry	1	11/3/2005
Aroclor 1254	ND	0.77		mg/Kg-dry	1	11/3/2005
Aroclor 1260	ND	0.77		mg/Kg-dry	1	11/3/2005
TCLP Mercury	**SW1311/7470A**			Prep Date: **11/1/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	11/1/2005
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **11/1/2005**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	11/1/2005
Barium	0.78	0.01		mg/L	5	11/1/2005
Cadmium	ND	0.005		mg/L	5	11/1/2005
Chromium	0.011	0.01		mg/L	5	11/1/2005
Copper	0.045	0.025		mg/L	5	11/1/2005
Lead	0.19	0.005		mg/L	5	11/1/2005
Nickel	0.086	0.01		mg/L	5	11/1/2005
Selenium	ND	0.01		mg/L	5	11/1/2005
Silver	ND	0.01		mg/L	5	11/1/2005
Zinc	0.67	0.05		mg/L	5	11/1/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **11/2/2005**		Analyst: **VS**
Acenaphthene	2.3	0.04		mg/Kg-dry	10	11/3/2005
Acenaphthylene	0.23	0.04		mg/Kg-dry	10	11/3/2005
Anthracene	1.9	0.04		mg/Kg-dry	10	11/3/2005
Benz(a)anthracene	1.6	0.04		mg/Kg-dry	10	11/3/2005
Benzo(a)pyrene	1.4	0.04		mg/Kg-dry	10	11/3/2005
Benzo(b)fluoranthene	1.2	0.04		mg/Kg-dry	10	11/3/2005
Benzo(g,h,i)perylene	0.71	0.04		mg/Kg-dry	10	11/3/2005
Benzo(k)fluoranthene	0.5	0.04		mg/Kg-dry	10	11/3/2005
Chrysene	1.1	0.04		mg/Kg-dry	10	11/3/2005
Dibenz(a,h)anthracene	0.12	0.04		mg/Kg-dry	10	11/3/2005
Fluoranthene	3	0.04		mg/Kg-dry	10	11/3/2005
Fluorene	1.3	0.04		mg/Kg-dry	10	11/3/2005
Indeno(1,2,3-cd)pyrene	0.57	0.04		mg/Kg-dry	10	11/3/2005
Naphthalene	3	0.04		mg/Kg-dry	10	11/3/2005
Phenanthrene	4.8	0.4		mg/Kg-dry	100	11/3/2005
Pyrene	3.8	0.04		mg/Kg-dry	10	11/3/2005

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COMF0000042

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-011 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 11:25:00 AM
Lab ID:	05100533-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **11/2/2005**		Analyst: **PAB**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	11/3/2005
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	11/3/2005
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	11/3/2005
2,4-Dinitrotoluene	ND	0.01		mg/L	1	11/3/2005
2-methylphenol	ND	0.01		mg/L	1	11/3/2005
3- & 4-Methylphenol	ND	0.01		mg/L	1	11/3/2005
Hexachlorobenzene	ND	0.01		mg/L	1	11/3/2005
Hexachlorobutadiene	ND	0.01		mg/L	1	11/3/2005
Hexachloroethane	ND	0.01		mg/L	1	11/3/2005
Nitrobenzene	ND	0.01		mg/L	1	11/3/2005
Pentachlorophenol	ND	0.05		mg/L	1	11/3/2005
Pyridine	ND	0.01		mg/L	1	11/3/2005
BTEX by GC/MS	**SW8260B**			Prep Date: **11/1/2005**		Analyst: **MP**
Benzene	0.023	0.006		mg/Kg-dry	1	11/2/2005
Toluene	0.04	0.006		mg/Kg-dry	1	11/2/2005
Ethylbenzene	2.2	0.29		mg/Kg-dry	50	11/2/2005
Xylenes, Total	1.9	0.88		mg/Kg-dry	50	11/2/2005
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **11/1/2005**		Analyst: **MP**
Benzene	ND	0.05		mg/L	10	11/2/2005
2-Butanone	ND	0.1		mg/L	10	11/2/2005
Carbon tetrachloride	ND	0.05		mg/L	10	11/2/2005
Chlorobenzene	ND	0.05		mg/L	10	11/2/2005
Chloroform	ND	0.05		mg/L	10	11/2/2005
1,2-Dichloroethane	ND	0.05		mg/L	10	11/2/2005
1,1-Dichloroethene	ND	0.05		mg/L	10	11/2/2005
Tetrachloroethene	ND	0.05		mg/L	10	11/2/2005
Trichloroethene	ND	0.05		mg/L	10	11/2/2005
Vinyl chloride	ND	0.05		mg/L	10	11/2/2005
Ash Content	**E160.4**			Prep Date: **10/31/2005**		Analyst: **ICD**
Ash Content	97	0.01	*	wt%	1	11/1/2005
Cyanide on ASTM Extract	**D3987-85/SW9012A**			Prep Date: **11/1/2005**		Analyst: **YZ**
Cyanide	ND	0.005	*	mg/L	1	11/3/2005
Chemical Oxygen Demand on ASTM Extract	**D3987-85/E410.4**			Prep Date: **11/2/2005**		Analyst: **YZ**
Chemical Oxygen Demand	27	20	*	mg/L	1	11/3/2005
Ammonia as Nitrogen on ASTM Extract	**D3987-85/E350.1**			Prep Date: **11/2/2005**		Analyst: **YZ**

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Report Date: November 04, 2005
Print Date: November 04, 2005

Client:	SET Environmental, Inc.	**Client Sample ID:**	MJD102105-011 #5 (2043)
Lab Order:	05100533	**Tag Number:**	
Project:	510047, ComEd, Scorpion Tail	**Collection Date:**	10/21/2005 11:25:00 AM
Lab ID:	05100533-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Ammonia as Nitrogen on ASTM Extract	**D3987-85/E350.1**			Prep Date: **11/2/2005**		Analyst: **YZ**
Nitrogen, Ammonia (As N)	4.3	0.05	*	mg/L	1	11/4/2005
Oil and Grease on ASTM Extract	**D3987-85/E1664**			Prep Date: **11/1/2005**		Analyst: **RW**
Oil and Grease	8.7	5	*	mg/L	1	11/2/2005
Oxidizing Agents Screen on ASTM Extract	**D4981-89**			Prep Date: **11/1/2005**		Analyst: **RW**
Oxidizing Agents	NEG		*	POS/NEG	1	11/1/2005
PH on ASTM Extract	**D3987-85/E150.1**			Prep Date: **11/1/2005**		Analyst: **ICD**
pH	8.8		*	pH Units	1	11/1/2005
Cyanide, Total	**SW9012A**			Prep Date: **11/2/2005**		Analyst: **YZ**
Cyanide	ND	0.31		mg/Kg-dry	1	11/3/2005
Flash Point (Open-Cup)	**SW1010**			Prep Date: **11/1/2005**		Analyst: **PMS**
Flashpoint	No flash up to 212			°F	1	11/1/2005
Paint Filter	**SW9095A**			Prep Date: **11/1/2005**		Analyst: **RW**
Paint Filter	Pass			Pass/Fail	1	11/1/2005
pH (1:10, 25 °C)	**SW9045C**			Prep Date: **10/31/2005**		Analyst: **ICD**
pH	9.2			pH Units	1	10/31/2005
Phenolics	**SW9066 (SW9065)**			Prep Date: **11/2/2005**		Analyst: **YZ**
Phenolics, Total Recoverable	1.1	0.31		mg/Kg-dry	1	11/3/2005
Percent Moisture	**D2974**			Prep Date: **10/31/2005**		Analyst: **ICD**
Percent Moisture	19.1	0.01	*	wt%	1	11/1/2005
Solids, Total	**D2974**			Prep Date: **10/31/2005**		Analyst: **ICD**
Total Solid	80.9	0.01	*	wt%	1	11/1/2005
Sulfide, Reactive	**SW7.3.4.2**			Prep Date: **10/31/2005**		Analyst: **YZ**
Reactive Sulfide	ND	10	H	mg/Kg	1	10/31/2005

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SET Environmental, Inc.

Chain of Custody Record

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

COC #: 13250

Client: ComEd
Address: 3 Lincoln Centre, 6th Flr
Oak Brook Terrace, IL
Phone #: 630/437/4301 Fax #: 630/437/2177
P.O. #: Proj #: 51047
Client Contact: Michele Dybel
Project / Location: ComEd - Scorpion Tail

Sample Type: 1. Waste Water 2. Drinking Water 3. Soil (circled) 4. Sludge 5. Oil 6 Groundwater 7. Groundwater (filtered) 8. Other

Container Type: P-Plastic G-Glass (circled) V-VOC Vial B-Tedlar Bag O-Other

Preservative: 1. None 2. H2SO4 3. HN03 4. NaOH 5. HCl 6. MeOH 7. On Ice (circled) 8. Other

Sample I.D. / Drum Numbers	Sample Type	Container Size	Container Type	Container No.	pH	Temp	Date	Time	Preservation Field	Preservation Lab	Total Organics	Total Metals	CLP Paramend	Archive Pending 001	Archive Pending 002					
MJ0102105 - 010 #5(2043)	3	qt	G	010	–	60°	10/21	9:00	ICE		X	X	X							001
MJ0102105 - 011 #5(2043)	3	qt	G	011	–	60°	10/21	11:25	ICE					X						002
MJ0102105 - 012 #5(2043)	3	qt	G	012	–	60°	10/21	12:38	ICE					X	X					003

Sampled By: PatMan	Date: 20 / Oct / 05 Time: :	Accepted By: [signature]	Date: 10 / 20 / 05 Time: 11 : 20
Relinquished By: [signature]	Date: 10 / 20 / 05 Time: 13 : 00	Accepted By: [signature]	Date: 10 / 20 / 05 Time: 13 00
Relinquished By:	Date: / / Time: :	Accepted By:	Date: / / Time: :

Notes/Waste Generated:
05100533

SPECIAL INSTRUCTIONS:

Turnaround Time:
☐ **Rush** (circle one) **1 2** or **3** day TAT
☒ **Routine** (5-10 days)
Due Date: ____-____-____

SET Contact: Don Bihun
Michael Ortiz
MJAYO77@comcast.net

Lab:

Rev. May 2003

STAT Analysis Corporation

Sample Receipt Checklist

Client Name SET | Date and Time Received: 10/21/2005

Work Order Number 05100533 | Received by: JC

Checklist completed by: Jessica Cant 10/21/05 (Signature / Date) | Reviewed by: a 10/26/05 (Initials / Date)

Matrix	Carrier name	Client Delivered		
Shipping container/cooler in good condition?		Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?		Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?		Yes ☐	No ☐	Not Present ☑
Chain of custody present?		Yes ☑	No ☐	
Chain of custody signed when relinquished and received?		Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?		Yes ☑	No ☐	
Samples in proper container/bottle?		Yes ☑	No ☐	
Sample containers intact?		Yes ☑	No ☐	
Sufficient sample volume for indicated test?		Yes ☑	No ☐	
All samples received within holding time?		Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?		Yes ☑	No ☐	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐		Yes ☐	No ☐
Water - Samples pH checked?		Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?		Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response:

COMF0000046

Craig 05100533

From: <mjayo77@comcast.net>
To: <CChawla@statanalysis.com>
Cc: <"Dbihun@setenv"@setenv.com
Sent: Monday, October 31, 2005 12:21 PM
Attach: ComEd Scorpion Tail Analytical 1.pdf; ComEd-Scorpion Tail Analytical 2.pdf
Subject: ComEd Scorpion Tail

The following two samples have been archived pending results of the first sample set. Per discussion with WM, SET is requesting analysis as described herein.

STAT Project # 05400504- (sample# MJO102005-002)- (SET COC#13249)- Analysis of WM CODE R LN BTEX, PNA's, PCB's.

STAT Project #05100533 (sample # MJO102105-011)- (SET COC#13250)-Analysis of WM CODE LN BTEX, PNA's, PCB's.

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January 24, 2006

SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Telephone: (847) 537-9221
Fax: (847) 537-9265

RE: ComEd, Fisk Station STAT Project No: 06010312

Dear SET Environmental, Inc.:

STAT Analysis received 3 samples for the referenced project on 1/18/2006. The analytical results are presented in the following report.

This report is revised to reflect additional analysis requested after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

STAT Analysis Corporation

Date: January 24, 2006

Client:	SET Environmental, Inc.
Project:	ComEd, Fisk Station
Lab Order:	06010312

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
06010312-001A	Fisk-(011806) 1'		1/18/2006	1/18/2006
06010312-002A	Fisk-(011806) 30'		1/18/2006	1/18/2006
06010312-003A	Fisk-(011806) 45'		1/18/2006	1/18/2006

STAT Analysis Corporation

Date: *January 24, 2006*

CLIENT:	SET Environmental, Inc.
Project:	ComEd, Fisk Station
Lab Order:	06010312

CASE NARRATIVE

The Laboratory Control Sample (LCS-18519-SVOC) had low SVOC soil surrogate recovery for 2-Chlorophenol (60% Recovery, QC Limits 61-91%) and Phenol (58% Recovery, QC Limits 60-91%).

Due to matrix interference, sample Fisk-(011806) 1' (06010312-001) had high VOC soil surroagte recovery for Toluene-d8 for both analysis and re-analysis (165%/507% Recovery, QC Limits 85-110%).

Due to rapid turn around, VOC TCLP was analyzed under 5035 method instead of 5030 method.

STAT Analysis Corporation
2255 West Harrison St., Suite B, Chicago, IL 60612-3505
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: January 24, 2006
Print Date: January 24, 2006

Client:	SET Environmental, Inc.	**Client Sample ID:**	Fisk-(011806) 1'
Lab Order:	06010312	**Tag Number:**	
Project:	ComEd, Fisk Station	**Collection Date:**	1/18/2006
Lab ID:	06010312-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **1/19/2006**		Analyst: **ERP**
Aroclor 1016	ND	0.078		mg/Kg	1	1/20/2006
Aroclor 1221	ND	0.078		mg/Kg	1	1/20/2006
Aroclor 1232	ND	0.078		mg/Kg	1	1/20/2006
Aroclor 1242	ND	0.078		mg/Kg	1	1/20/2006
Aroclor 1248	ND	0.078		mg/Kg	1	1/20/2006
Aroclor 1254	ND	0.078		mg/Kg	1	1/20/2006
Aroclor 1260	ND	0.078		mg/Kg	1	1/20/2006
TCLP Mercury	**SW1311/7470A**			Prep Date: **1/19/2006**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	1/19/2006
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **1/19/2006**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	1/19/2006
Barium	0.36	0.02		mg/L	5	1/19/2006
Cadmium	ND	0.005		mg/L	5	1/19/2006
Chromium	ND	0.01		mg/L	5	1/19/2006
Lead	0.38	0.005		mg/L	5	1/19/2006
Selenium	ND	0.01		mg/L	5	1/19/2006
Silver	ND	0.01		mg/L	5	1/19/2006
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **1/19/2006**		Analyst: **PAB**
1,2,4-Trichlorobenzene	ND	0.17		mg/Kg	1	1/19/2006
1,2-Dichlorobenzene	ND	0.17		mg/Kg	1	1/19/2006
1,4-Dichlorobenzene	ND	0.17		mg/Kg	1	1/19/2006
Acenaphthene	ND	0.17		mg/Kg	1	1/19/2006
Acenaphthylene	0.69	0.17		mg/Kg	1	1/19/2006
Anthracene	0.4	0.17		mg/Kg	1	1/19/2006
Benz(a)anthracene	2.9	0.17		mg/Kg	1	1/19/2006
Benzo(a)pyrene	1.7	0.17		mg/Kg	1	1/19/2006
Benzo(b)fluoranthene	2.3	0.17		mg/Kg	1	1/19/2006
Benzo(g,h,i)perylene	1.8	0.17		mg/Kg	1	1/19/2006
Benzo(k)fluoranthene	0.92	0.17		mg/Kg	1	1/19/2006
Bis(2-chloroethyl)ether	ND	0.17		mg/Kg	1	1/19/2006
Bis(2-ethylhexyl)phthalate	ND	0.17		mg/Kg	1	1/19/2006
Chrysene	1.9	0.17		mg/Kg	1	1/19/2006
Dibenz(a,h)anthracene	0.77	0.17		mg/Kg	1	1/19/2006
Fluoranthene	2.9	0.17		mg/Kg	1	1/19/2006
Fluorene	ND	0.17		mg/Kg	1	1/19/2006
Hexachlorocyclopentadiene	ND	0.17		mg/Kg	1	1/19/2006
Indeno(1,2,3-cd)pyrene	1.7	0.17		mg/Kg	1	1/19/2006

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: January 24, 2006
Print Date: January 24, 2006

Client:	SET Environmental, Inc.	**Client Sample ID:**	Fisk-(011806) 1'
Lab Order:	06010312	**Tag Number:**	
Project:	ComEd, Fisk Station	**Collection Date:**	1/18/2006
Lab ID:	06010312-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **1/19/2006**		Analyst: **PAB**
N-Nitrosodi-n-propylamine	ND	0.17		mg/Kg	1	1/19/2006
N-Nitrosodiphenylamine	ND	0.17		mg/Kg	1	1/19/2006
Naphthalene	0.32	0.17		mg/Kg	1	1/19/2006
Phenanthrene	1	0.17		mg/Kg	1	1/19/2006
Pyrene	2.2	0.17		mg/Kg	1	1/19/2006
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **1/19/2006**		Analyst: **PAB**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	1/20/2006
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	1/20/2006
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	1/20/2006
2,4-Dinitrotoluene	ND	0.01		mg/L	1	1/20/2006
2-methylphenol	ND	0.01		mg/L	1	1/20/2006
3- & 4-Methylphenol	ND	0.01		mg/L	1	1/20/2006
Hexachlorobenzene	ND	0.01		mg/L	1	1/20/2006
Hexachlorobutadiene	ND	0.01		mg/L	1	1/20/2006
Hexachloroethane	ND	0.01		mg/L	1	1/20/2006
Nitrobenzene	ND	0.01		mg/L	1	1/20/2006
Pentachlorophenol	ND	0.05		mg/L	1	1/20/2006
Pyridine	ND	0.01		mg/L	1	1/20/2006
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **1/18/2006**		Analyst: **PS**
1,1,1-Trichloroethane	ND	0.0038		mg/Kg	1	1/20/2006
1,1,2-Trichloroethane	ND	0.0038		mg/Kg	1	1/20/2006
1,1-Dichloroethene	ND	0.0038		mg/Kg	1	1/20/2006
1,2-Dichloroethane	ND	0.0038		mg/Kg	1	1/20/2006
1,2-Dichloropropane	ND	0.0038		mg/Kg	1	1/20/2006
Benzene	0.016	0.0038		mg/Kg	1	1/20/2006
Bromodichloromethane	ND	0.0038		mg/Kg	1	1/20/2006
Bromoform	ND	0.0038		mg/Kg	1	1/20/2006
Carbon tetrachloride	ND	0.0038		mg/Kg	1	1/20/2006
Chlorobenzene	ND	0.0038		mg/Kg	1	1/20/2006
Chloroform	ND	0.0038		mg/Kg	1	1/20/2006
cis-1,2-Dichloroethene	ND	0.0038		mg/Kg	1	1/20/2006
cis-1,3-Dichloropropene	ND	0.0038		mg/Kg	1	1/20/2006
Methylene chloride	ND	0.0076		mg/Kg	1	1/20/2006
Styrene	ND	0.0038		mg/Kg	1	1/20/2006
Tetrachloroethene	ND	0.0037		mg/Kg	1	1/20/2006
trans-1,2-Dichloroethene	ND	0.0038		mg/Kg	1	1/20/2006
trans-1,3-Dichloropropene	ND	0.0038		mg/Kg	1	1/20/2006

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: January 24, 2006
Print Date: January 24, 2006

Client:	SET Environmental, Inc.	**Client Sample ID:**	Fisk-(011806) I'
Lab Order:	06010312	**Tag Number:**	
Project:	ComEd, Fisk Station	**Collection Date:**	1/18/2006
Lab ID:	06010312-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **1/18/2006**		Analyst: **PS**
Trichloroethene	ND	0.0038		mg/Kg	1	1/20/2006
Vinyl chloride	ND	0.0038		mg/Kg	1	1/20/2006
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **1/18/2006**		Analyst: **MP**
Benzene	ND	0.05		mg/L	10	1/20/2006
2-Butanone	ND	0.1		mg/L	10	1/20/2006
Carbon tetrachloride	ND	0.05		mg/L	10	1/20/2006
Chlorobenzene	ND	0.05		mg/L	10	1/20/2006
Chloroform	ND	0.05		mg/L	10	1/20/2006
1,2-Dichloroethane	ND	0.05		mg/L	10	1/20/2006
1,1-Dichloroethene	ND	0.05		mg/L	10	1/20/2006
Tetrachloroethene	ND	0.05		mg/L	10	1/20/2006
Trichloroethene	ND	0.05		mg/L	10	1/20/2006
Vinyl chloride	ND	0.05		mg/L	10	1/20/2006
Cyanide, Reactive	**SW7.3.3.2**			Prep Date: **1/19/2006**		Analyst: **YZ**
Reactive Cyanide	ND	1		mg/Kg	1	1/19/2006
Flash Point (Open-Cup)	**SW1010**			Prep Date: **1/19/2006**		Analyst: **PMS**
Flashpoint	No flash up to 212			°F	1	1/19/2006
Paint Filter	**SW9095A**			Prep Date: **1/18/2006**		Analyst: **ICD**
Paint Filter	Pass			Pass/Fail	1	1/18/2006
pH (1:10, 25 °C)	**SW9045C**			Prep Date: **1/18/2006**		Analyst: **RW**
pH	9.0			pH Units	1	1/18/2006
Phenolics	**SW9066 (SW9065)**			Prep Date: **1/19/2006**		Analyst: **YZ**
Phenolics, Total Recoverable	4.5	0.25		mg/Kg	1	1/19/2006
Sulfide, Reactive	**SW7.3.4.2**			Prep Date: **1/20/2006**		Analyst: **YZ**
Reactive Sulfide	ND	10		mg/Kg	1	1/20/2006

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: January 24, 2006
Print Date: January 24, 2006

Client:	SET Environmental, Inc.	**Client Sample ID:**	Fisk-(011806) 30'
Lab Order:	06010312	**Tag Number:**	
Project:	ComEd, Fisk Station	**Collection Date:**	1/18/2006
Lab ID:	06010312-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Lead by FLAA	**SW1311/7420 (SW3005A)**			Prep Date: **1/24/2006**		Analyst: **LB**
Lead	ND	0.5		mg/L	1	1/24/2006
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **1/23/2006**		Analyst: **VS**
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	1/24/2006
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	1/24/2006
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	1/24/2006
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	1/24/2006
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **1/23/2006**		Analyst: **PS**
Benzene	ND	0.0056		mg/Kg-dry	1	1/24/2006
Percent Moisture	**D2974**			Prep Date: **1/23/2006**		Analyst: **ICD**
Percent Moisture	21.2	0.01	*	wt%	1	1/24/2006

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RL - Reporting / Quantitation Limit for the analysis
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: January 24, 2006
Print Date: January 24, 2006

Client:	SET Environmental, Inc.	**Client Sample ID:**	Fisk-(011806) 45'
Lab Order:	06010312	**Tag Number:**	
Project:	ComEd, Fisk Station	**Collection Date:**	1/18/2006
Lab ID:	06010312-003A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Lead by FLAA	**SW1311/7420 (SW3005A)**			Prep Date: **1/24/2006**		Analyst: **LB**
Lead	ND	0.5		mg/L	1	1/24/2006
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **1/23/2006**		Analyst: **VS**
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	1/24/2006
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	1/24/2006
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	1/24/2006
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	1/24/2006
Percent Moisture	**D2974**			Prep Date: **1/23/2006**		Analyst: **ICD**
Percent Moisture	21.2	0.01	*	wt%	1	1/24/2006

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
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	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
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	* - Non-accredited parameter	H - Holding time exceeded

SET Environmental, Inc.

Chain of Custody Record

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

COC # : 14665

Client: Com Ed
Address: Fisk Station
Phone #: ____ Fax #: ____
P.O. #: ____ Proj #: ____
Client Contact: ____
Project / Location: ____

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other ____
3. Soil 6. Groundwater

Container Type:
P-Plastic V-VOC Vial O-Other ____
G-Glass B-Tedlar Bag

Preservative:
1. None 3. HN03 5. HCl 7. On Ice
2. H2SO4 4. NaOH 6. MeOH 8. Other ____

Sample I.D. / Drum Numbers	Sample Type	Container Size	Container Type	Container No.	Sampling pH	Sampling Temp	Sampling Date	Sampling Time	Preservation Field	Preservation Lab	Analyses: CID Parameters	Analyses: Archive Reading Analysis									
Fisk - (011806) 1'	3	1gt	G	1			1/18				X										001
Fisk - (011806) 30'	3	1gt	G	1			1/18					X									002
Fisk - (011806) 45'	3	1gt	G	1			1/18					X									003

Sampled By: Pat Moon	Date: 01/18/06 Time: :	Accepted By:	Date: / / Time: :
Relinquished By: Pat Moon	Date: 01/18/06 Time: :	Accepted By:	Date: 01/18/06 Time: :
Relinquished By:	Date: / / Time: :	Accepted By:	Date: / / Time: 14:57

Notes/Waste Generated:
Mjwyo77@Comcast.net

06010312

SPECIAL INSTRUCTIONS:

Turnaround Time:
☐ **Rush** (circle one)
1 2 or 3 day TAT
☐ **Routine** (5-10 days)
Due Date: ____-____-____

SET Contact: S. Bingham

Lab: STAT

Rev. May 2003

STAT Analysis Corporation

Sample Receipt Checklist

Client Name SET

Date and Time Received: 01/18/2006

Work Order Number 06010312

Received by: SK

Checklist completed by: Jessica Court 1/18/06 (Signature / Date)

Reviewed by: MC (Initials) 1/20/2006 (Date)

Matrix	Carrier name	Client Delivered		
Shipping container/cooler in good condition?		Yes ☐	No ☐	Not Present ☑
Custody seals intact on shippping container/cooler?		Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?		Yes ☐	No ☐	Not Present ☑
Chain of custody present?		Yes ☑	No ☐	
Chain of custody signed when relinquished and received?		Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?		Yes ☑	No ☐	
Samples in proper container/bottle?		Yes ☑	No ☐	
Sample containers intact?		Yes ☑	No ☐	
Sufficient sample volume for indicated test?		Yes ☑	No ☐	
All samples received within holding time?		Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?		Yes ☐	No ☑	Temperature Ambient °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐		Yes ☐	No ☐
Water - Samples pH checked?		Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?		Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response:

Craig

From: <mjayo77@comcast.net>
To: "Craig Chawla" <CChawla@STATAnalysis.com>
Cc: <"Dbihun@set≥[illegible]
Sent: Saturday, January 21, 2006 9:26 AM
Attach: ComEd, Fisk Station 06010312.eml
Subject: Re: ComEd, Fisk Station 06010312

Please run all subset samples for this project (Lab IDs06010312-002A and 06010312-003A) for the following parameters:
TCLP Lead
Only report GCMS for Benzo(a)anthracene, Benzo(a)pyrene, benzo(b)fluoranthene, Indeno(123-cd)pyrene.
Also run samples 06010312-001A and 06010312-002A for total benzene. Any questions call me @ 708/334-7787, Thanks, Mike.

---------- Original message ----------
From: "Craig Chawla" <CChawla@STATAnalysis.com>
Attached is the report for the ComEd, Fisk Station project received 1/18/05.

Craig Chawla
STAT Analysis Corporation
(312) 563-0371

SET Environmental, Inc
450 Sumac Road, Wheeling, IL 60090 Tel (847) 537-9221 Fax (847) 537-9265 www.setenv.com

ATTACHMENT D
HEALTH & SAFETY

SET Environmental, Inc.
4_1 Sumac Road, Wheeling, IL 60090

STS - 847 968 - 4863

DAILY SAFETY MEETING RECORD

JOB NAME: COMED 345 W. LOOP "COMED SCORPION TAIL	JOB NUMBER: 510047	SIGNED BY ALL IN ATTENDANCE: 1. [signature] 2.
JOB LOCATION: W CERMAK CHICAGO, IL (COMED SCORPION TAIL)	MEETING DATE: 10/19/05	3. 4.
MEETING TIME: 07:30 + 12:30	CONDUCTED BY: M. ORTIZ	5. 6.
PROJECT MANAGER: VINCE HOWARD (KENNY)	SITE HEALTH & SAFETY: (MIKE SHIPANIK/KENNY)	7. 8.

I. DAILY SCOPE OF WORK / TOPICS / ACCIDENTS

1) MOBE TO SITE
2) CONSTRUCT ZONES (WORK AND RALLY)
3) COORDINATE W/ STS SAMPLE POINTS
4) COLLECT SAMPLES, LABEL ETC
5) DELIVER SAMPLES TO STAT

II. CHEMICAL HAZARDS

CHEMICAL	ROUTE(S)	TLV / PEL	SIGNS & SYMPTOMS
BENZENE (POSSIBLE MGP WASTE)	INH, ABS	10 ppm	DIZZINESS → STUPOR → SHORTNESS OF BREATH → DRUNKENESS
			LONG TERM REGULATED CARCINOGEN
PID ON SITE FOR SCREENING			

Attendance lines 9–22 blank.

III. PHYSICAL HAZARDS

HAZARD	PROTECTIVE MEASURES
(1) MOVING EQUIPMENT (RIG)	(1) CONFIRM SITE ACTIVITIES W/ STS
(2) SLIPS/TRIPS FALLS	(2). WALK DOWN AREA, NO WANDERING
(3). STRIKING GAS MAINS	(3). CONFIRM W/ DLZ, KNOW CONTINGENCY PLANS AND SITE ADDRESS

IV. PROTECTIVE LEVELS / TASK

LEVEL	TASK	MODIFIED PPE
Mod	SITE ACCESS, MOBE	+ HARD HAT, SAFETY GLASSES, HI-VIS VEST, GLOVES LATEX BOOTIES
		SAMPLING GLOVES BETWEEN EACH SAMPLE
C	@ 10ppm ON PID	+ AS ABOVE, PAPER TYVEK AS NECESSARY FULL FACE RESPIRATOR W/ COMBO HEPA/ ORGANIC CARTRIDGES

COMF0000060

SET Environmental, Inc.
4 Sumac Road, Wheeling, IL 60090

DAILY SAFETY MEETING RECORD

JOB NAME: Com Ed Scorpion Tail	JOB NUMBER: 510047		SIGNED BY ALL IN ATTENDANCE
B LOCATION: Com Ed Scorpion Tail	MEETING DATE: 20 Oct 05		
ETING TIME: 0730 | 1230	CONDUCTED BY: P. Moon		
OJECT MANAGER: Vince Howard	SITE HEALTH & SAFETY: Shivalhithi		

DAILY SCOPE OF WORK / TOPICS / ACCIDENTS

(1) Mobe to site
(2) Construct Zones (work + rally)
( ) Coordinate w/ STS sample points
(4) Collect Samples
( ) Deliver to STAT

CHEMICAL HAZARDS

CHEMICAL	ROUTE(S)	TLV / PEL	SIGNS & SYMPTOMS
Benzene	INJH, ABS	10 ppm	Dizziness -> SOB ->
(Possible MGP)			Long term Carcinogen
* PID on site			

PHYSICAL HAZARDS

HAZARD	PROTECTIVE MEASURES
(1) Moving equipment	(1) Confirm site w/ STS
( ) Slip/Trips Falls	(2) Review area
(3) Striking gas Mains	(3) Confirm w/ DLZ

IV. PROTECTIVE LEVELS / TASK

LEVEL	TASK	MODIFIED PPE
D	Site access	Hard hat, safety glass, boots, vest
C	@ 10 ppm on PID	tyvek, full face

COMF0000061

SET Environmental, Inc.
41 Sumac Road, Wheeling, IL 60090

DAILY SAFETY MEETING RECORD

B NAME ComEd Scorpion Tail	JOB NUMBER 510047	SIGNED BY ALL IN ATTENDANCE 1.
B LOCATION ~~IL~~ CERMAK AND RACINE CHICAGO, IL	MEETING DATE 10/20/05	3. 4.
ETING TIME 07:45, 12:30	CONDUCTED BY M. Ortiz	5. 6.
ROJECT MANAGER ~~M. Ortiz~~ VINCE HOWARD (KENNY)	SITE HEALTH & SAFETY M. Ortiz	7. 8.

I. DAILY SCOPE OF WORK / TOPICS / ACCIDENTS

9.
1. MOBE TO SITE
2. CONSTRUCT ZONES (WORK AND RALLY)
3. COORDINATE SAMPLE POINTS
4. COLLECT SAMPLES, LABEL, ETC
5. DELIVER SAMPLES TO LAB

II. CHEMICAL HAZARDS

CHEMICAL	ROUTE(S)	TLV / PEL	SIGNS & SYMPTOMS
BENZENE	INH, ABS	10 ppm	DIZZINESS → STUPOR → SHORTNESS OF BREATH
POSSIBLE MGP WASTE)			
KPID ON SITE	FOR REAL	TIME MONITORING	

III. PHYSICAL HAZARDS

HAZARD	PROTECTIVE MEASURES
1) MOVING EQUIPMENT (RIG	1) CONFIRM SITE ACTIVITIES W/ STS
2) SLIPS / TRIPS / FALLS	2) WALK DOWN AREA, NO WANDERING
3) STRIKING GAS MAINS	3) ~~COMCAM~~ SOAS KNOW CONTINGENCY PLANNING

IV. PROTECTIVE LEVELS / TASK

LEVEL	TASK	MODIFIED PPE
Mod	SITE ACCESS / MOBE	- HARD HAT, SAFETY GLASSES, HI VIS VEST, GLOVES
		- SAMPLING GLOVES BETWEEN EACH ACTIVITY
C	② 10 ppm	- AS ABOVE W/ PAPER TYVEK AS NECESSARY / FULL FACE W/ COMBO CARTRIDGES

SET Environmental, Inc.

450 Sumac Road, Wheeling, IL 60090

DAILY SAFETY MEETING RECORD

SIGNED BY ALL IN ATTENDANCE

JOB NAME	JOB NUMBER		
Com Ed: Scorpion Tail		1	Pat Moon
		2	
JOB LOCATION	MEETING DATE	3	
Fisk Station	January 17, 2006 18	4	
MEETING TIME	CONDUCTED BY	5	
0600	Moon	6	
PROJECT MANAGER	SITE HEALTH & SAFETY	7	
Moon	Moon	8	

I. DAILY SCOPE OF WORK / TOPICS / ACCIDENTS		
Collect soil samplings and consolidate into samples as indicated ready for analysis	10	
Oversee sub-contractor in proper and safe work practices	11	
Collect and dispose of all soil borings	12	
	13	
	14	
	15	

II. CHEMICAL HAZARDS					
CHEMICAL	ROUTE(S)	TLV / PEL	SIGNS & SYMPTOMS	16	
				17	
				18	
				19	
				20	
				21	
				22	

III. PHYSICAL HAZARDS	
HAZARD	PROTECTIVE MEASURES
Heavy equipment	Be alert!
Large trucks	Be aware of loading process!
Large truck traffic	Stay alert and aware of boundaries!

IV. PROTECTIVE LEVELS / TASK		
LEVEL	TASK	MODIFIED PPE
D	All	Hard hat, safety glasses, steel toe safety shoes, reflective vest, FR outer clothing while in substation

JOB BRIEFING SHEET

Multi-Person Crew and One Person Team (incl., C&M, T&S, SSG, Eng, WM)

STAR – Stop – Think – Act – Review

Always promptly report: Events/Incidents, ALL Vehicle Accidents, ALL Injuries

Legible Employee Initials	
1st Brief	2nd Brief
MD	MD

Work Order #: _____ Task #: _____ Date: 10/19/05

Job Location: ALAMO CANYON SCORPION TAIL

[Use exact address for emergency 911 response]

Contact #: _____ Use Radio "PANIC" button (red), in case of emergency!

Supervisor: M. ORTIZ Person in Charge: VINCE HOWARD Emp#: _____

Other Work Groups involved with the Job: KENNY / SFS / SET

Job Description/Overview: ① MOBILIZE W/ SFS TO COLLECT SOIL SAMPLES FROM DANA RIV. ② DELIVER SAMPLES TO STAT

SPECIAL PRECAUTIONS:

Check ALL that apply

- ☒ Hazards above you
- ☒ Equipment operation
- ☐ Inspection of hydraulics, cables and controls.
- ☐ Winch line / Buckets
- ☒ Equipment checked and calibrated
- ☐ Trenches & Excavations
- ☐ Test rubber gloves (sleeves)
- ☐ Pole condition
- ☐ Inspect line hoses/blankets/hotsticks
- ☒ Other work groups in area identified
- ☐ Hot or Cold weather concerns
- ☐ Tool check (Condition, right tool for right job)
- ☐ Rubber goods properly placed
- ☐ Cardox (CO2) system

Other Special Precautions (Give Details): (Note type, placement, and number of rubber goods used.) _____

Mid-Shift Job Briefing (Give Details): NO WORK PERFORMED YET @ 12:30

JOB TASK:

- ☒ Reporting location/Yard review
- ☒ Job assignments
- ☒ Review job assignments, on site
- ☐ PA-1-CALL/KARL/JULIE/Digger Confirmed (KENNY-DLZ)
- ☐ Check for correct phases
- ☒ Review work procedures
- ☒ Safe working techniques
- ☒ Lifting, twisting, bending, stretching
- ☒ Proper PPE worn
- ☐ Pre-flight inspection
- ☒ Review Rules to Dig By (KENNY-DLZ)
- ☐ Confirm proper excavation

ZONE OF PROTECTION INFORMATION:

USE PROPER TESTING EQUIPMENT

Clearance Order Reviewed?: ☐ Yes ☐ N/A Minimum Approach Distance Requirements: _____

Clearance Order #: _____ Line/Feeder/Circuit #: _____ Voltage(s): _____

Equipment Lock Out Tag(s) needed: ☐ Yes ☐ N/A Equipment #:: _____

Equipment Lock Out Tag(s) placed: ☐ Yes ☐ N/A

Identified all potential energy sources including backfeed? ☐ Yes ☐ N/A

Zone of Protection established and identified with grounds and barriers? ☐ Yes ☐ N/A

Tested De-energized ☐ Yes ☐ N/A Vehicles Grounded ☐ Yes ☐ N/A

Equipment/Line Grounded ☐ Yes ☐ N/A Undispatched Grounds: ☐ Yes ☐ N/A # of Grnds. _____

Identified and discussed all points of potential energy release (gas, steam, mechanical, etc.): ☐ Yes ☐ N/A

Zone of Protection Accepted from Designated Authority ☐ Yes ☒ N/A

JOB SITE:

Check ALL that apply

- ☒ Site Preparation Review Completed
- ☒ Walk-down completed 10/15/05
- ☐ Atmospheric test done
- ☐ Enclosed/Confined Space set up
- ☐ Climbing Hazards Identified
- ☐ Housekeeping / Self Made Hazards
- ☐ Wildlife (bugs, insects, bees, etc.)
- ☒ Wildlife (dogs, raccoons, rodents, etc.)

Terrain

- ☒ Uneven surfaces
- ☐ Ice, Mud & Snow
- ☐ Vegetation (poison ivy/oak, hanging limbs)
- ☐ Walkway Barriers placed
- ☒ Identify Slip, Trip, & Fall Hazards
- ☐ Trenching Barriers in place
- ☒ Discuss an Emergency Escape Plan

Environmental

- ☐ Leaking Equipment Identified
- ☐ Spill Identified/Present
- ☐ PCB's Present – Contaminated
- ☐ PCB's Present – Contained
- ☐ SF6 Gas ☐ Mercury
- ☐ Waterway affected ☒ BENZENE
- ☐ Wetlands Area
- ☐ Proper Pumping of Manhole

WORK AREA PROTECTION:

- ☐ Barriers Placed
- ☐ Cones Placed
- ☐ Signs Placed
- ☐ Public & Pedestrian Safety in place
- ☐ Flaggers being used
- ☐ Street permits in place and reviewed
- ☐ Spotters used for vehicle movement
- ☐ Spotters used for boom/bucket movement

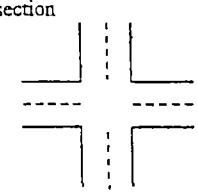
Typical Application Diagram # _____

Traffic Hazards

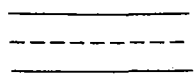
- ☐ Traffic flow direction discussed
- ☐ Traffic – Heavy
- ☐ Traffic – Light

OFF EASEMENT (PRIVATE PROPERTY)

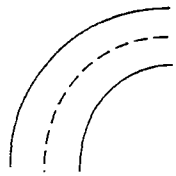
☐ Intersection



☐ Straight Street, Road, Alley, etc.



☐ Curved Roadway



☐ Description of other configuration(s) (Give details)

_____

☐ Other (Draw configuration; Note: T&S – Indicate a Safe Work Zone if present)

FOUR KEY QUESTIONS (Refer to the Event Free Performance Tool Book, to help understand and answer the questions.):

[Identify, in detail, hazards present and protective measures taken.]

What are the Error Likely Situations? : PERSON GETTING STRUCK BY BOOM BY.

What are the Critical Steps and by Whom? : CONFIRM WORK AREAS / CONFIRM EQUIPMENT APPROACH AREAS

What is the Worst Thing that Can Happen? : INDIVIDUAL GETTING RUN OVER BY TRUCK

What Defenses are in Place? : DELINEATE ZONES AND WORK AREA / HI VIS VEST-

ALL WORKER READINESS: Special health concerns _____ ☒N/A

POST JOB BRIEFING: ☐ Yes
[Completed at the end of each shift !!]

CONDITION / SCOPE CHANGE: ☐ Yes ☒N/A
[Job Scope Change, Necessitates filling out a NEW Job Brief!]

Comments (Give Details): _____

Supervisor Quality Review of Job Brief (Initials): MW Date: 10/19/05

If the job cannot be performed safely STOP THE JOB and ask for assistance!

JOB BRIEFING SHEET

Multi-Person Crew and One Person Team (incl., C&M, T&S, SSG, Eng, WM)

STAR – Stop – Think – Act – Review

Always promptly report: Events/Incidents, ALL Vehicle Accidents, ALL Injuries

Legible Employee Initials	
1st Brief	2nd Brief
MTO	MTO

Work Order #: _____ Task #: _____ Date: 10/20/05

Job Location: RACINE & CERMAK, CHICAGO; SCORPION TAIL

[Use exact address for emergency 911 response]

Contact #: _____ Use Radio "PANIC" button (red), in case of emergency!

Supervisor: M. DAILY Person in Charge: VINCE HOWARD Emp#: _____

Other Work Groups involved with the Job: KENNY / STS / SET

Job Description/Overview: (1) MOBILIZE W/ STS TO COLLECT SOIL SAMPLES FROM DRILL RIG (2) DELIVER SAMPLES TO STAT

SPECIAL PRECAUTIONS:

Check ALL that apply

- [X] Hazards above you
- [X] Equipment operation
- [ ] Inspection of hydraulics, cables and controls.
- [ ] Winch line / Buckets
- [X] Equipment checked and calibrated
- [ ] Trenches & Excavations
- [ ] Test rubber gloves (sleeves)
- [ ] Pole condition
- [ ] Inspect line hoses/blankets/hotsticks
- [X] Other work groups in area identified
- [ ] Hot or Cold weather concerns
- [ ] Tool check (Condition, right tool for right job)
- [ ] Rubber goods properly placed
- [ ] Cardox (CO2) system

Other Special Precautions (Give Details): (Note type, placement, and number of rubber goods used.) _____

Mid-Shift Job Briefing (Give Details): N/A

JOB TASK:

- [X] Reporting location/Yard review
- [X] Job assignments
- [X] Review job assignments, on site
- [X] PA-1-CALL/KARL/JULIE/Digger Confirmed (KENNY + DIZ)
- [ ] Check for correct phases
- [X] Review work procedures
- [X] Safe working techniques
- [X] Lifting, twisting, bending, stretching
- [X] Proper PPE worn
- [ ] Pre-flight inspection
- [X] Review Rules to Dig By
- [ ] Confirm proper excavation

ZONE OF PROTECTION INFORMATION:

USE PROPER TESTING EQUIPMENT

Clearance Order Reviewed?: [ ] Yes [ ] N/A Minimum Approach Distance Requirements: _____

Clearance Order #: _____ Line/Feeder/Circuit #: _____ Voltage(s): _____

Equipment Lock Out Tag(s) needed: [ ] Yes [ ] N/A Equipment #:: _____

Equipment Lock Out Tag(s) placed: [ ] Yes [ ] N/A

Identified all potential energy sources including backfeed? [ ] Yes [ ] N/A

Zone of Protection established and identified with grounds and barriers? [ ] Yes [ ] N/A

Tested De-energized [ ] Yes [ ] N/A Vehicles Grounded [ ] Yes [X] N/A

Equipment/Line Grounded [ ] Yes [ ] N/A **Undispatched Grounds:** [ ] Yes [ ] N/A # of Grnds. _____

Identified and discussed all points of potential energy release (gas, steam, mechanical, etc.): [ ] Yes [ ] N/A

Zone of Protection Accepted from Designated Authority [ ] Yes [ ] N/A

JOB SITE:

Check ALL that apply

- [X] Site Preparation Review Completed
- [X] Walk-down completed 10/18/05
- [ ] **Atmospheric test done**
- [ ] Enclosed/Confined Space set up
- [ ] Climbing Hazards Identified
- [ ] Housekeeping / Self Made Hazards
- [ ] Wildlife (bugs, insects, bees, etc.)
- [X] Wildlife (dogs, raccoons, rodents, etc.)

Terrain

- [X] Uneven surfaces
- [ ] Ice, Mud & Snow
- [ ] Vegetation (poison ivy/oak, hanging limbs)
- [ ] Walkway Barriers placed
- [X] Identify Slip, Trip, & Fall Hazards
- [ ] Trenching Barriers in place
- [ ] **Discuss an Emergency Escape Plan**

Environmental

- [ ] Leaking Equipment Identified
- [ ] Spill Identified/Present
- [ ] PCB's Present – Contaminated
- [ ] PCB's Present – Contained
- [ ] SF6 Gas [ ] Mercury
- [ ] Waterway affected
- [ ] Wetlands Area
- [ ] Proper Pumping of Manhole

[X] BEN E GAFF

WORK AREA PROTECTION:

- ☐ Barriers Placed
- ☐ Cones Placed
- ☐ Signs Placed
- ☐ Public & Pedestrian Safety in place
- ☐ Flaggers being used
- ☐ Street permits in place and reviewed
- ☐ Spotters used for vehicle movement
- ☐ Spotters used for boom/bucket movement

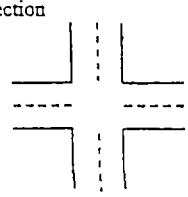
Typical Application Diagram # _____

Traffic Hazards

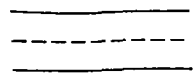
- ☐ Traffic flow direction discussed
- ☐ Traffic – Heavy
- ☐ Traffic – Light

OFF EASEMENT
(PRIVATE PROPERTY)

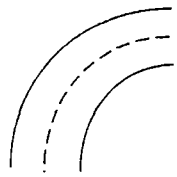
☐ Intersection



☐ Straight Street, Road, Alley, etc.



☐ Curved Roadway



☐ Description of other configuration(s) (Give details)

_____
_____
_____
_____
_____

☐ Other (Draw configuration: Note: T&S – Indicate a Safe Work Zone if present)

FOUR KEY QUESTIONS *(Refer to the Event Free Performance Tool Book, to help understand and answer the questions.):*

[Identify, in detail, hazards present and protective measures taken.]

What are the Error Likely Situations? : PERSON GETTING STRUCK W/ BOOM OF

What are the Critical Steps and by Whom? : CONFIRM WORK ZONES; CONFIRM EQUIPMENT APPROACH TECHNIQUES AND ANGLE

What is the Worst Thing that Can Happen? : INDIVIDUAL GETTING HIT BY CAR/TRUCK

What Defenses are in Place? : DELINEATE ZONES AND WORK AREA(S) / HI VIS VEST

ALL WORKER READINESS: Special health concerns _____ ☒ N/A

POST JOB BRIEFING: ☐ Yes
[Completed at the end of each shift !!]

CONDITION / SCOPE CHANGE: ☐ Yes ☒ N/A
[Job Scope Change, Necessitates filling out a NEW Job Brief!]

Comments (Give Details): _____

Supervisor Quality Review of Job Brief (Initials): _____ Date: 10/20/05

If the job cannot be performed safely STOP THE JOB and ask for assistance!

JOB BRIEFING SHEET

Multi-Person Crew and One Person Team (incl., C&M, T&S, SSG, Eng, WM)

STAR – Stop – Think – Act – Review

Always promptly report: Events/Incidents, ALL Vehicle Accidents, ALL Injuries

Legible Employee Initials	
1st Brief	2nd Brief
MD	MD

Work Order #: _____ Task #: _____ Date: 10/21/05

Job Location: RACINE & CEDAR (SCORPION TAIL)

[Use exact address for emergency 911 response]

Contact #: _____ Use Radio "PANIC" button (red), in case of emergency!

Supervisor: M. DAVIS Person in Charge: V. HOWARD Emp#: _____

Other Work Groups involved with the Job: KENNY / SFS / SET

Job Description/Overview: ① MOBILIZE W/ SFS TO COLLECT SOIL SAMPLES FROM DRILL RIG ② DRIVEN SAMPLES TO STAT

SPECIAL PRECAUTIONS:

Check ALL that apply

- ☒ Hazards above you
- ☒ Equipment operation
- ☐ Inspection of hydraulics, cables and controls.
- ☐ Winch line / Buckets
- ☒ Equipment checked and calibrated
- ☐ Trenches & Excavations
- ☐ Test rubber gloves (sleeves)
- ☐ Pole condition
- ☐ Inspect line hoses/blankets/hotsticks
- ☒ Other work groups in area identified
- ☐ Hot or Cold weather concerns
- ☐ Tool check (Condition, right tool for right job)
- ☐ Rubber goods properly placed
- ☐ Cardox (CO2) system

Other Special Precautions (Give Details): (Note type, placement, and number of rubber goods used.) _____

Mid-Shift Job Briefing (Give Details): RECEIVED SAMPLES TO LAB

JOB TASK:

- ☒ Reporting location/Yard review
- ☒ Job assignments
- ☒ Review job assignments, on site
- ☒ PA-1-CALL/KARL/JULIE/Digger Confirmed (KENNY)
- ☐ Check for correct phases
- ☒ Review work procedures
- ☒ Safe working techniques
- ☒ Lifting, twisting, bending, stretching
- ☒ Proper PPE worn
- ☐ Pre-flight inspection
- ☒ Review Rules to Dig By
- ☐ Confirm proper excavation

ZONE OF PROTECTION INFORMATION:

USE PROPER TESTING EQUIPMENT

Clearance Order Reviewed?: ☐ Yes ☐ N/A Minimum Approach Distance Requirements: _____

Clearance Order #: _____ Line/Feeder/Circuit #: _____ Voltage(s): _____

Equipment Lock Out Tag(s) needed: ☐ Yes ☐ N/A Equipment #:: _____

Equipment Lock Out Tag(s) placed: ☐ Yes ☐ N/A

Identified all potential energy sources including backfeed? ☐ Yes ☐ N/A

Zone of Protection established and identified with grounds and barriers? ☐ Yes ☒ N/A

Tested De-energized ☐ Yes ☐ N/A Vehicles Grounded ☐ Yes ☐ N/A

Equipment/Line Grounded ☐ Yes ☐ N/A Undispatched Grounds: ☐ Yes ☐ N/A # of Grnds. _____

Identified and discussed all points of potential energy release (gas, steam, mechanical, etc.): ☐ Yes ☐ N/A

Zone of Protection Accepted from Designated Authority ☐ Yes ☐ N/A

JOB SITE:

Check ALL that apply

- ☒ Site Preparation Review Completed
- ☒ Walk-down completed 10/15
- ☐ Atmospheric test done
- ☐ Enclosed/Confined Space set up
- ☐ Climbing Hazards Identified
- ☐ Housekeeping / Self Made Hazards
- ☐ Wildlife (bugs, insects, bees, etc.)
- ☒ Wildlife (dogs, raccoons, rodents, etc.)

Terrain

- ☒ Uneven surfaces
- ☐ Ice, Mud & Snow
- ☐ Vegetation (poison ivy/oak, hanging limbs)
- ☐ Walkway Barriers placed
- ☒ Identify Slip, Trip, & Fall Hazards
- ☐ Trenching Barriers in place
- ☒ Discuss an Emergency Escape Plan

Environmental

- ☐ Leaking Equipment Identified
- ☐ Spill Identified/Present
- ☐ PCB's Present – Contaminated
- ☐ PCB's Present – Contained
- ☐ SF6 Gas ☐ Mercury
- ☐ Waterway affected ☒ BENTINE
- ☐ Wetlands Area
- ☐ Proper Pumping of Manhole

WORK AREA PROTECTION:

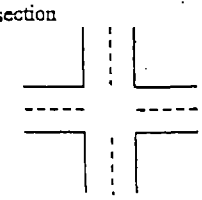
- ☐ Barriers Placed
- ☐ Cones Placed
- ☐ Signs Placed
- ☐ Public & Pedestrian Safety in place
- ☐ Flaggers being used
- ☐ Street permits in place and reviewed
- ☐ Spotters used for vehicle movement
- ☐ Spotters used for boom/bucket movement

Typical Application Diagram # ____________

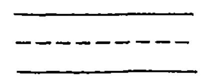
Traffic Hazards

- ☐ Traffic flow direction discussed
- ☐ Traffic – Heavy
- ☐ Traffic – Light

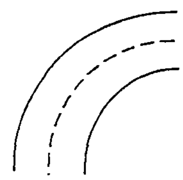
☐ Intersection



☐ Straight Street, Road, Alley, etc.



☐ Curved Roadway



☐ Description of other configuration(s) (Give details)

☐ Other (Draw configuration; Note: T&S – Indicate a Safe Work Zone if present)

FOUR KEY QUESTIONS *(Refer to the Event Free Performance Tool Book, to help understand and answer the questions.):*

[Identify, in detail, hazards present and protective measures taken.]

What are the Error Likely Situations? : GETTING STRUCK BY BEAM/BIT BITS AND BENDS OF SPOONS

What are the Critical Steps and by Whom? : CONFIRM WORK AREAS AND DUTIES BY ALL

What is the Worst Thing that Can Happen? : INDIVIDUAL GETTIN RUN OVER BY RIG

What Defenses are in Place? : DELINEATE ZONES / HI VIS VEST

ALL WORKER READINESS: Special health concerns ____________ ☒ N/A

POST JOB BRIEFING: ☐ Yes
[Completed at the end of each shift !!]

CONDITION / SCOPE CHANGE: ☐ Yes ☒ N/A
[Job Scope Change, Necessitates filling out a NEW Job Brief!]

Comments (Give Details): ____________

Supervisor Quality Review of Job Brief (Initials): MO **Date:** 10/21/05

If the job cannot be performed safely STOP THE JOB and ask for assistance!

JOB BRIEFING SHEET

Multi-Person Crew and One Person Team (incl., C&M, T&S, SSG, Eng, WM)

STAR – Stop – Think – Act – Review

Always promptly report: Events/Incidents, ALL Vehicle Accidents, ALL Injuries

Legible Employee Initials	1st Brief	2nd Brief
	PM	PM

Work Order #: 601027 Task #: _____ Date: 18JAN10

Job Location: Com Ed Fisk Station

[Use exact address for emergency 911 response]

Contact #: _____ Use Radio "PANIC" button (red), in case of emergency!

Supervisor: Moon Person in Charge: Patterson Emp#: _____

Other Work Groups involved with the Job: Kenny - STS

Job Description/Overview: Core bore sampling

SPECIAL PRECAUTIONS:

Check ALL that apply

- ☒ Hazards above you
- ☒ Equipment operation
- ☒ Inspection of hydraulics, cables and controls,
- ☐ Winch line / Buckets
- ☐ Equipment checked and calibrated
- ☒ Trenches & Excavations
- ☐ Test rubber gloves (sleeves)
- ☐ Pole condition
- ☐ Inspect line hoses/blankets/hotsticks
- ☒ Other work groups in area identified
- ☒ Hot or Cold weather concerns
- ☐ Tool check (Condition, right tool for right job)
- ☐ Rubber goods properly placed
- ☐ Cardox (CO_2) system

Other Special Precautions (Give Details): (Note type, placement, and number of rubber goods used.) _____

Mid-Shift Job Briefing (Give Details): _____

JOB TASK:

- ☒ Reporting location/Yard review
- ☒ Job assignments
- ☒ Review job assignments, on site
- ☐ PA-1-CALL/KARL/JULIE/Digger Confirmed
- ☐ Check for correct phases
- ☒ Review work procedures
- ☒ Safe working techniques
- ☒ Lifting, twisting, bending, stretching
- ☒ Proper PPE worn
- ☐ Pre-flight inspection
- ☒ Review Rules to Dig By
- ☒ Confirm proper excavation

ZONE OF PROTECTION INFORMATION:

USE PROPER TESTING EQUIPMENT

Clearance Order Reviewed?: ☐ Yes ☒ N/A **Minimum Approach Distance Requirements:** _____

Clearance Order #: _____ Line/Feeder/Circuit #: _____ **Voltage(s):** _____

Equipment Lock Out Tag(s) needed: ☐ Yes ☒ N/A Equipment #:: _____

Equipment Lock Out Tag(s) placed: ☐ Yes ☒ N/A

Identified all potential energy sources including backfeed?	☐ Yes	☒ N/A
Zone of Protection established and identified with grounds and barriers?	☐ Yes	☒ N/A
Tested De-energized ☐ Yes ☒ N/A **Vehicles Grounded**	☐ Yes	☒ N/A
Equipment/Line Grounded ☐ Yes ☒ N/A **Undispatched Grounds:**	☐ Yes	☒ N/A

Zone of Protection Accepted from Designated Authority ☐ Yes ☐ N/A

# of Grnds. _____

Identified and discussed all points of potential energy release (gas, steam, mechanical, etc.): ☐ Yes ☒ N/A

JOB SITE:

Check ALL that apply

- ☒ Site Preparation Review Completed
- ☒ Walk-down completed
- ☐ Atmospheric test done
- ☒ Enclosed/Confined Space set up
- Climbing Hazards Identified
- Housekeeping / Self Made Hazards
- Wildlife (bugs, insects, bees, etc.)
- Wildlife (dogs, raccoons, rodents, etc.)

Terrain

- ☒ Uneven surfaces
- ☒ Ice, Mud & Snow
- ☒ Vegetation (poison ivy/oak, hanging limbs)
- ☐ Walkway Barriers placed
- ☒ Identify Slip, Trip, & Fall Hazards
- ☐ Trenching Barriers in place
- ☒ Discuss an Emergency Escape Plan

Environmental

- ☐ Leaking Equipment Identified
- ☐ Spill Identified/Present
- ☐ PCB's Present – Contaminated
- ☐ PCB's Present – Contained
- ☐ SF6 Gas ☐ Mercury
- ☐ Waterway affected
- ☐ Wetlands Area
- ☐ Proper Pumping of Manhole

SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Ph: 847/537-9221 Fx: 847/537-9265

Safe Work Plan
ComEd-West Loop 345
Scorpion Tail
Phase II Soil Sampling & Phase III Soil Removal, Transportation & Disposal

1.0 Scope

The scope of work that relates to this Safe Work Plan is divided into two sections:

1.1 Sample Collection

- SET shall collect composite soil samples at determined depths in cooperation with STS operator and Drill rig provided by STS.
- SET shall submit soil samples to an NELAC accredited analytical laboratory to determine disposal parameters and characteristics.
- SET shall forward information including boring logs to Kenny Construction for their review.

1.2 Transportation and Disposal

- SET shall profile and schedule all soil waste into a determined landfill based upon quantitative analytical data and profiling.
- SET shall supply drivers with proper shipping documents.
- SET shall keep a daily record of drivers, driver's times and amount of soil removed from the site.
- SET, at its greatest ability, shall coordinate with Kenny Construction to ensure trucks are efficiently loaded to reduce the risk of demurrage.
- SET, upon Kenny Construction's request, shall assist in developing an efficient safe "load-out" logistical plan.
- SET and Kenny Construction shall cooperatively amend this plan during changing site conditions.
- SET shall provide daily equipment, labor and material spreadsheets to Kenny Construction by 9:00 a.m the following workday.

Conditions:

- Kenny Construction or an approved COC shall provide flaggers, spotters, and gate security to efficiently manage traffic.
- Kenny Construction or an approved COC shall provide labor and equipment to load tucks on site.

2.0 Schedule:

Start Date: October 18, 2005

Completion Date: TBD

Working Hours 10:00-?

3.0 Activities

3.1 SET shall perform on-site sample collection and provide laboratory analysis and corresponding disposal profiling to Kenny Construction
3.2 SET shall schedule all soil waste into a determined landfill, cooperatively coordinate all transportation with Kenny Construction, and supply drivers with proper shipping documents.
3.3 SET shall keep a daily record of drivers, driver's times and amount of soil removed from the site.
3.4 SET shall interact with Kenny Construction to ensure all trucks are efficiently and properly loaded to reduce the risk of demurrage.

4.0 Risk Mitigation Strategies

Basic Job Activities	Potential Hazards	Recommended Actions
Mobilizing on site daily	1). Trip Hazards	1).Maintain Good house keeping. Review the work area daily. Stay within the work area boundaries; no wandering in unnecessary areas. Remove and dispose of debris Tape, barricade, flag and cover open unattended excavations. If covering holes mark the cover with "hole"
	2). Proper PPE	2) SET PPE shall consist of a minimal hi-visibility FR class 3 reflective vest, safety glasses w/ side shields, hardhats w/ brim forward & gloves. Outer layer of clothing shall be FR and boots shall meet the requirements outlined under ANSI Z41 PT99 C75.
	3) Additional PPE	3) SET sampling personnel shall have readily available the following additional PPE equipment for sampling activities: Disposable nitrile gloves, Latex boot covers, Full Face negative pressure APR fitted with combination HEPA/Chemical cartridges (P-100), CRFR disposable Tyvek (or) FR disposable tyvek. SET sampling personnel shall don specified equipment upon detection of highly odorous and/or visibly stained material during excavation sampling activities.
Sampling Activities	1) Excavations	1) Do not enter any excavation greater than 4' depth. Sampling shall be performed from the excavator bucket.
	2) Contamination and Hygienic Practices	2) Wear latex over-boots when entering impacted area. Don new latex or nitrile coated gloves between each sample. Wash hands before eating or drinking. Use outer tyvek suit, as above, if required. Dispose of all ppe on site.
Moving Trucks	1) Accidents (non pedestrian)	1) Develop a site control plan (logistics) in cooperation with Kenny Construction. Forward the site control plan including paths and site rules to the trucking contractor. Verify with each driver upon arrival that they know the "load out" logistical plan. Review all amendments and changes with the drivers. Signals shall be established by the driver, operator and flagger for spotting trucks. Horns and hand signals are forms of signals Trucks may not move until their dump bed has fully lowered.
	2) Accidents (pedestrian)	2) Try to limit activity to one side of the path (driver's side cab) to avoid continually crossing the path. Look both ways Wait until trucks come to a complete stop before approaching.

		Wear High Visibility outer FRP vest. When spotting a truck always ensure that the driver can see you through the side mirrors.
Loading trucks with Heavy Equipment	1) Unseen Conditions	1) Always remember, operator does not have 360-degrees of view, maintain line of sight when walking around equipment. Equipment has right-of-way. **Spotters** must be used to back up any equipment within any zone. Verify hand signals with the operator prior to commencing work Do not walk or stand beneath the arm of an excavator. When it is necessary to approach an excavator wait until the operator removes his hands from the control and verifies sight. Do not stand behind the swing area (counterweight) of an excavator **STAND AT SPOTTING AREA. DO NOT BACK UP WITH TRUCK. MAINTAIN SIGHT WITH DRIVER THROUGH REAR VIEW MIRRORS AT ALL TIMES.**
General	1) Inclement Weather 2) Insects/Wild Animals 3) General Emergency	1) During lightning or high winds work shall be stopped until conditions change. 2) Use repellent for insects. Maintain site security to keep out wild animals. 3) Familiarize yourself with and follow Kenny Construction Emergency and Contingency planning

5.0 General Safety Guidelines

5.1 An authorized person shall conduct a "Take 5" meeting before performing any assigned duties. All Take 5's must be documented and kept on file at the jobsite. SET shall perform their independent Take 5, Star, and Tailgate safety meeting and review it during sampling activities. Review the Star Take 5 and Tailgate Meeting at lunch time, amend as necessary.

5.2 All Personal Protective equipment must be worn, including, but not limited to hi-visibility reflective vest, safety glasses w/ side shields, hardhats w/ brim forward, gloves and hearing protection.

5.3 Proper housekeeping must be followed throughout the project. This includes removing spoils, filling excavation sampling points, and disposing of ppe/refuse.

5.4 Certified flaggers shall be used whenever equipment or vehicles create a hazard when entering/exiting traveling on public roadways. Spotters shall be used whenever vehicles or equipment is moved within ComEd property or around building and/or structures, or when backing in rear end dump trailers.

5.5 SET shall develop, implement and abide by a Safe Work Plan, as formatted within, that outlines the minimum safety requirements and controls for the work to be conducted. All subcontractor personnel are required to attend Kenny Construction Company Safety Orientation before beginning work.

5.6 Kenny Construction Safety Personnel shall perform safety audits. All SET personnel shall be expected to participate and attribute opinions, recommendations and compliance accordingly.

6.0 Cellular Phone Policy

6.1 SET personnel are allowed to have cell phones on the job site, however the following rules apply.

a.) Phone use while walking, moving, etc. is prohibited.

b.) If engaged in phone use, the individual is to stop and "anchor" him/herself during the entire conversation. i.e. sit on a bucket, grasp a fence/post, etc.

7.0 Accident procedure:

- Call 911 if any injury appears to be life or limb threatening.
  - Site address is GERMAN + RACINE CHICAGO, IL.
- Secure the incident site following the arrival of trained medical staff. Kenny Construction shall begin and investigation.
- Call the Kenny Management and report the incident as soon as possible.
- Ensure other personnel on the list of contacts in 8.0 have been notified.

Medical Provider	Address	City	Telephone	Hours
Clinic	Consult KCC MASTER SAFE WORK PLAN			
Hospital	Consult KCC MASTER SAFE WORK PLAN			

8.0 Contacts

Name	Title	Company	Phone	Mobile
Michele Dybel, P.E.	Project Manager	ComEd	630-437-4301	630-536-6829
Brett Richer	Environmental	ComEd		
Vince	Project Manager	KCC	312-698-6616	
	Superintendent	KCC		
Scott Mladic	Project Safety Manager	KCC		847-514-2629
Don Bihuln	Account Manager	SET	847-537-9221	708-815-8920
Michael Ortiz	Project Manager	SET	708-430-8020	708-334-7787
Michael Ortiz	Health & Safety	SET	708-430-8020	708-334-7787
TBD	Trans & Disposal Coord.	SET	847-537-9221	

By signing below, I certify that I have read the above document and understand the requirements of this safe work plan. I also certify that I understand the roles and responsibilities, work being performed, the risks associated with the work and any training associated with the work.

Signature of Supervising Work	Print Name	Company	Date
	MICHAEL OATT	SET	10/19/05

Signature of Personnel Performing Work	Print Name	Company	Date	Safety Orientation Number
	MICHAEL OATT	SET	10/19	0013
	PAT NIGH	SET	10/20	00115